

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081319\
 Data File : BF116220.D
 Acq On : 13 Aug 2019 9:56
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 13 23:15:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	158450	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	664382	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	354683	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	602683	20.00	ng	0.00
76) Chrysene-d12	14.01	240	420401	20.00	ng	0.00
87) Perylene-d12	15.47	264	402911	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	820015	86.64	ng	-0.01
7) Phenol-d6	6.49	99	998387	83.60	ng	0.00
23) Nitrobenzene-d5	7.41	82	930534	80.85	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	276066	80.28	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1476719	77.99	ng	0.00
79) Terphenyl-d14	12.95	244	1656982	83.05	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	193116	40.387	ng	100
3) Pyridine	3.33	79	525169	39.318	ng	99
4) n-Nitrosodimethylamine	3.30	42	208977	39.645	ng	99
6) Aniline	6.50	93	676804	39.574	ng	# 90
8) 2-Chlorophenol	6.63	128	452486	43.232	ng	95
9) Benzaldehyde	6.39	77	319540	38.781	ng	99
10) Phenol	6.50	94	572207	40.690	ng	95
11) bis(2-Chloroethyl)ether	6.57	93	448195	43.350	ng	99
12) 1,3-Dichlorobenzene	6.78	146	501214	41.436	ng	98
13) 1,4-Dichlorobenzene	6.86	146	504930	41.691	ng	98
14) 1,2-Dichlorobenzene	7.01	146	460218	41.268	ng	98
15) Benzyl Alcohol	6.99	79	370624	40.896	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	588259	41.713	ng	84
17) 2-Methylphenol	7.10	107	375152	42.331	ng	97
18) Hexachloroethane	7.35	117	189383	42.471	ng	99
19) n-Nitroso-di-n-propylamine	7.26	70	311315	42.069	ng	98
20) 3+4-Methylphenols	7.25	107	441972	42.143	ng	93
22) Acetophenone	7.25	105	588402	40.382	ng	99
24) Nitrobenzene	7.43	77	513342	41.306	ng	96
25) Isophorone	7.66	82	934278	42.451	ng	99
26) 2-Nitrophenol	7.74	139	257212	43.906	ng	97
27) 2,4-Dimethylphenol	7.77	122	356126	40.406	ng	99
28) bis(2-Chloroethoxy)methane	7.86	93	585223	42.901	ng	99
29) 2,4-Dichlorophenol	7.99	162	398216	42.791	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	437519	41.244	ng	99
31) Naphthalene	8.14	128	1289464	41.244	ng	99
32) Benzoic acid	7.95	122	236463	38.054	ng	99
33) 4-Chloroaniline	8.19	127	588262	42.111	ng	99
34) Hexachlorobutadiene	8.26	225	249973	40.911	ng	99
35) Caprolactam	8.59	113	126178	41.922	ng	96
36) 4-Chloro-3-methylphenol	8.69	107	417999	43.176	ng	95
37) 2-Methylnaphthalene	8.83	142	850645	41.313	ng	99
38) 1-Methylnaphthalene	8.93	142	802685	41.207	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	394359	41.590	ng	100

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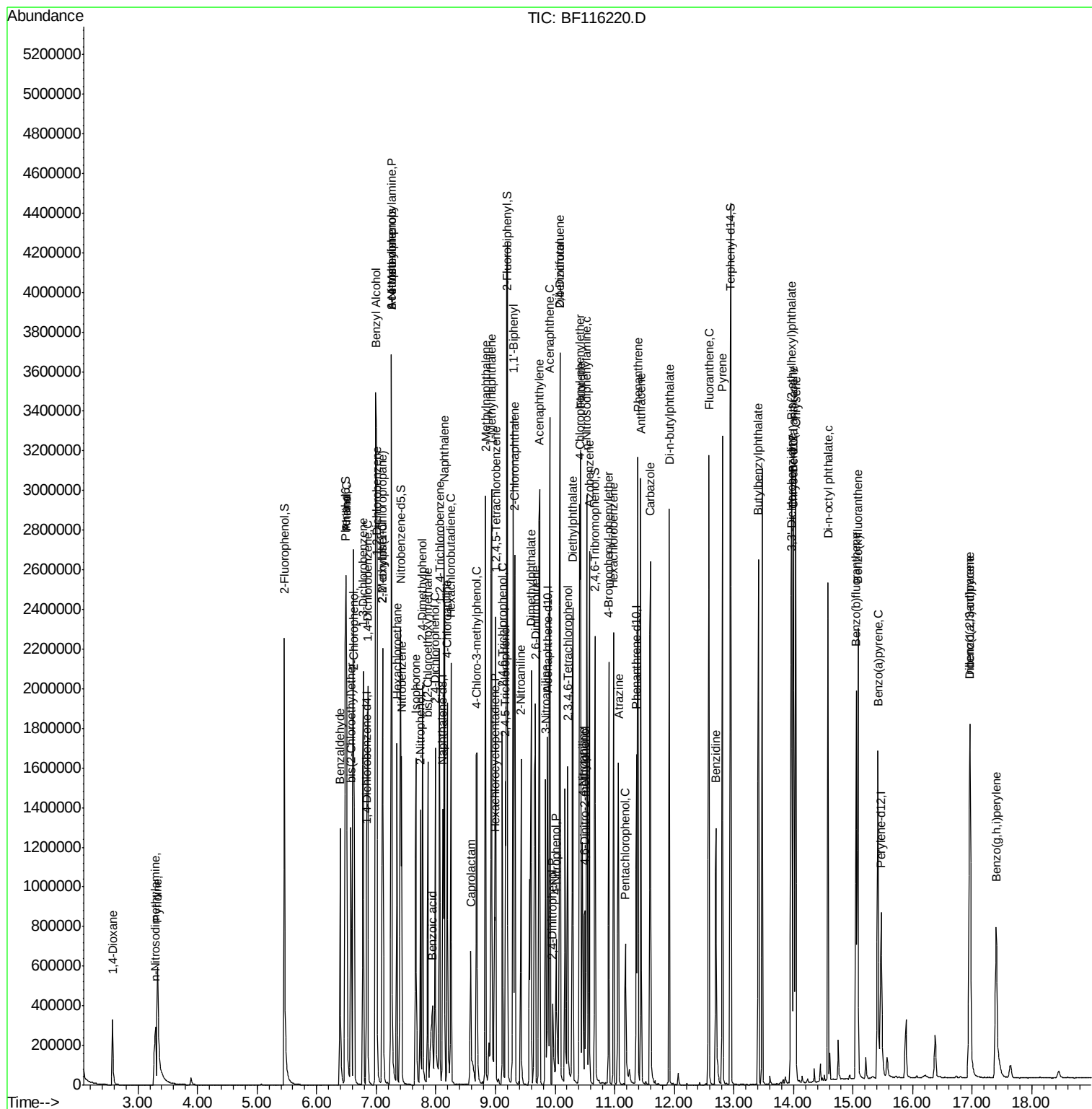
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	127626	33.684	ng	100
43) 2,4,6-Trichlorophenol	9.12	196	258213	39.563	ng	99
44) 2,4,5-Trichlorophenol	9.17	196	268829	39.846	ng	98
46) 1,1'-Biphenyl	9.30	154	1015040	40.536	ng	99
47) 2-Chloronaphthalene	9.33	162	850346	40.801	ng	98
48) 2-Nitroaniline	9.43	65	283661	41.177	ng	98
49) Acenaphthylene	9.74	152	1224564	40.275	ng	99
50) Dimethylphthalate	9.60	163	1007264	41.709	ng	99
51) 2,6-Dinitrotoluene	9.67	165	220972	42.104	ng	94
52) Acenaphthene	9.91	154	758087	40.641	ng	99
53) 3-Nitroaniline	9.84	138	263278	40.599	ng	99
54) 2,4-Dinitrophenol	9.96	184	86944	37.203	ng	96
55) Dibenzofuran	10.09	168	1042237	38.421	ng	99
56) 4-Nitrophenol	10.02	139	153508	36.953	ng	95
57) 2,4-Dinitrotoluene	10.08	165	263932	37.772	ng	# 91
58) Fluorene	10.43	166	870240	41.697	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	218792	38.547	ng	97
60) Diethylphthalate	10.30	149	937868	41.596	ng	100
61) 4-Chlorophenyl-phenylether	10.42	204	440199	41.647	ng	97
62) 4-Nitroaniline	10.46	138	271261	40.477	ng	97
63) Azobenzene	10.57	77	970156	41.833	ng	99
65) 4,6-Dinitro-2-methylphenol	10.50	198	140373	43.951	ng	99
66) n-Nitrosodiphenylamine	10.53	169	775084	42.728	ng	100
67) 4-Bromophenyl-phenylether	10.90	248	279120	43.263	ng	99
68) Hexachlorobenzene	10.98	284	311707	41.782	ng	98
69) Atrazine	11.06	200	216196	36.227	ng	98
70) Pentachlorophenol	11.18	266	127262	35.136	ng	97
71) Phenanthrene	11.39	178	1261294	40.937	ng	99
72) Anthracene	11.44	178	1297846	41.622	ng	99
73) Carbazole	11.60	167	1205301	42.606	ng	99
74) Di-n-butylphthalate	11.92	149	1423419	43.133	ng	100
75) Fluoranthene	12.58	202	1329379	41.214	ng	98
77) Benzidine	12.70	184	634734	44.690	ng	99
78) Pyrene	12.81	202	1339932	42.282	ng	99
80) Butylbenzylphthalate	13.41	149	611259	45.599	ng	95
81) Benzo(a)anthracene	14.00	228	1153587	42.931	ng	100
82) 3,3'-Dichlorobenzidine	13.96	252	401382	42.996	ng	99
83) Chrysene	14.04	228	1091598	41.844	ng	100
84) Bis(2-ethylhexyl)phthalate	13.97	149	819590	47.049	ng	98
85) Di-n-octyl phthalate	14.58	149	1285225	46.450	ng	100
86) Indeno(1,2,3-cd)pyrene	16.96	276	912150	41.631	ng	99
88) Benzo(b)fluoranthene	15.05	252	979698	42.053	ng	100
89) Benzo(k)fluoranthene	15.08	252	935742	41.238	ng	99
90) Benzo(a)pyrene	15.42	252	875541	42.042	ng	99
91) Dibenzo(a,h)anthracene	16.96	278	747370	41.459	ng	98
92) Benzo(g,h,i)perylene	17.40	276	745950	42.135	ng	97

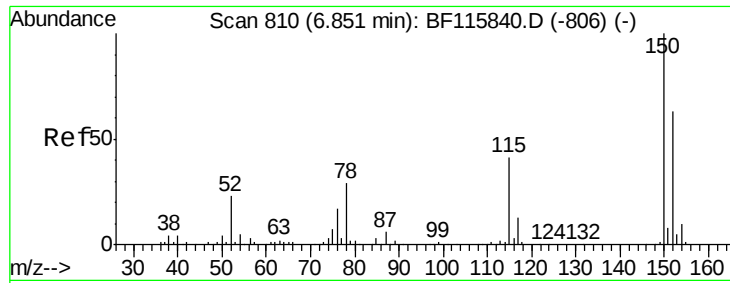
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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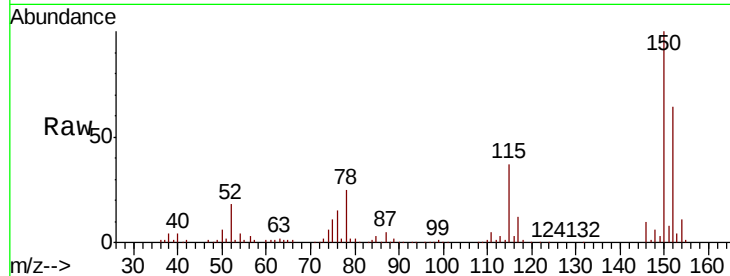


#1

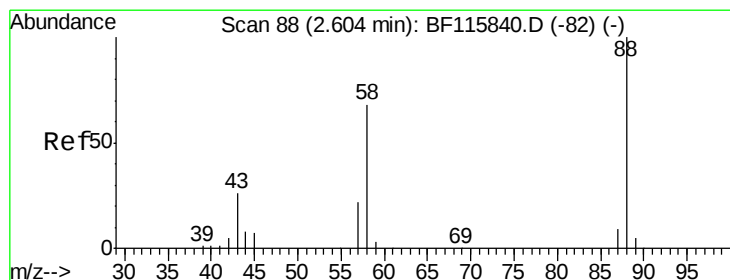
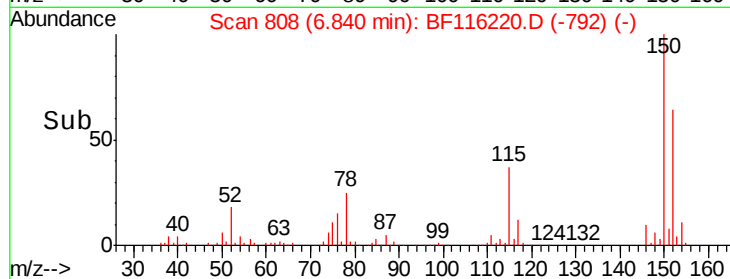
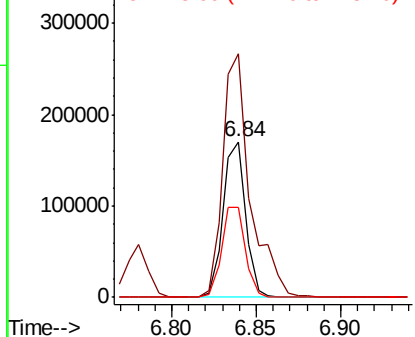
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF116220.D
 Acq: 13 Aug 2019 9:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	126.2	189.2
115	58.2	49.9	74.9



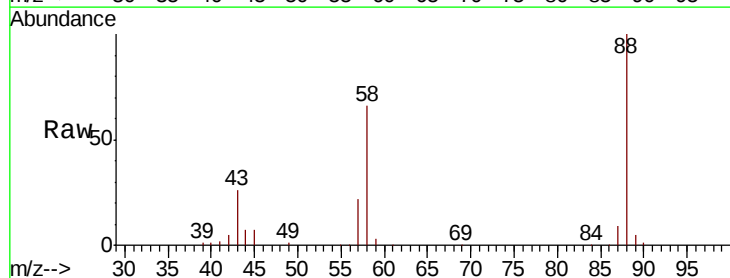
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



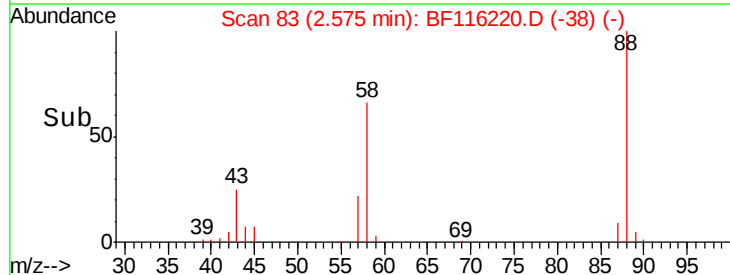
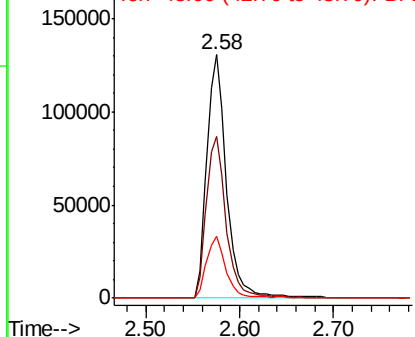
#2

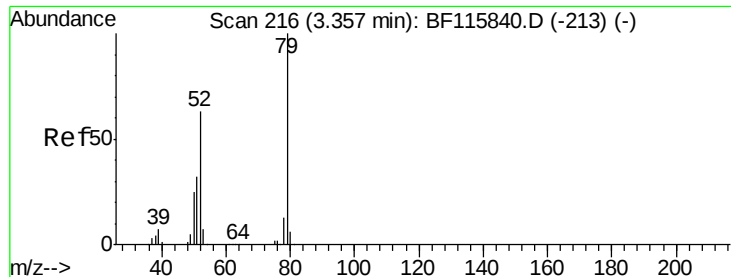
1,4-Dioxane
 Concen: 40.387 ng
 RT: 2.58 min Scan# 83
 Delta R.T. -0.04 min
 Lab File: BF116220.D
 Acq: 13 Aug 2019 9:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.9	53.7	80.5
43	25.7	21.0	31.4



Abundance Ion 88.00 (87.70 to 88.70): BF1
 Ion 58.00 (57.70 to 58.70): BF1
 Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 39.318 ng

RT: 3.33 min Scan# 212

Delta R.T. -0.03 min

Lab File: BF116220.D

Acq: 13 Aug 2019 9:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

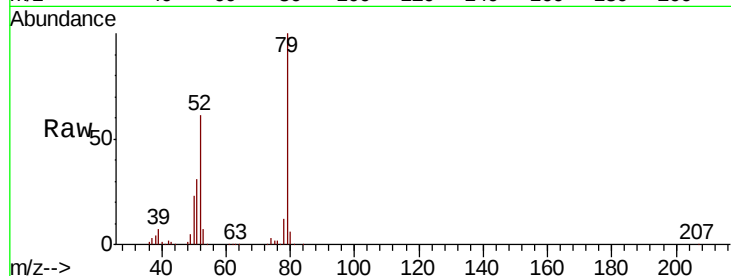
Tot Ion: 79 Resp: 525169

Ion Ratio Lower Upper

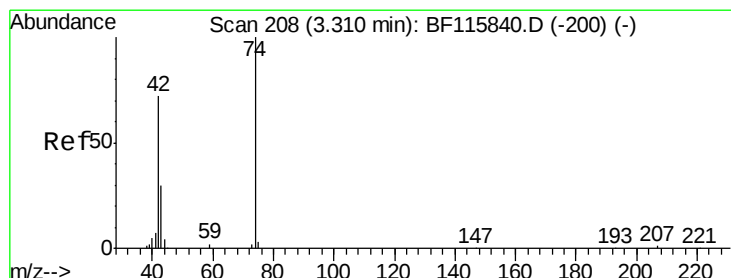
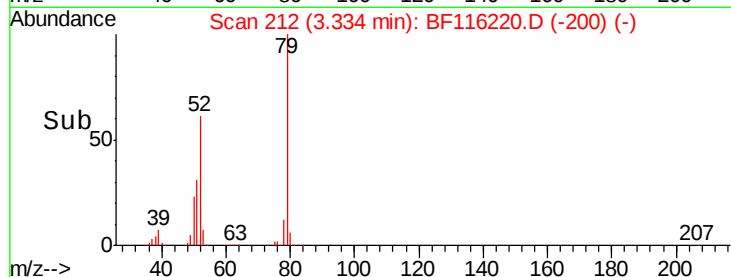
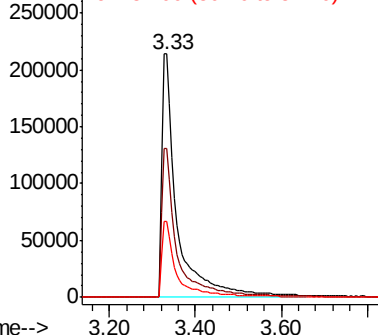
79 100

52 61.4 49.8 74.8

51 31.3 25.2 37.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 39.645 ng

RT: 3.30 min Scan# 206

Delta R.T. -0.04 min

Lab File: BF116220.D

Acq: 13 Aug 2019 9:56

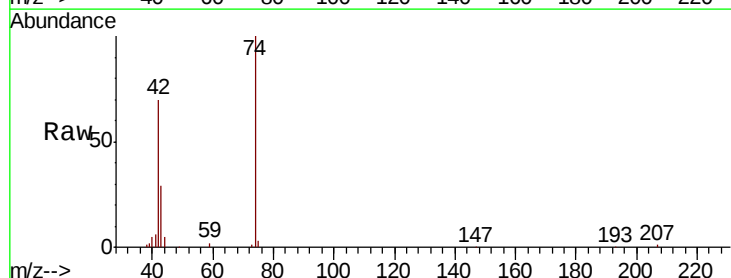
Tgt Ion: 42 Resp: 208977

Ion Ratio Lower Upper

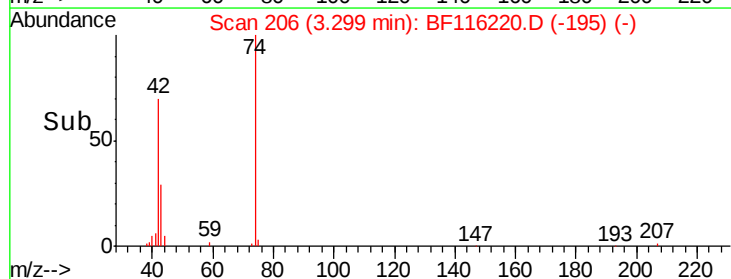
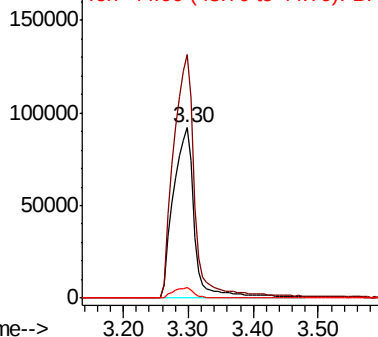
42 100

74 143.2 116.0 174.0

44 6.5 4.6 7.0



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 86.637 ng

RT: 5.46 min Scan# 573

Delta R.T. -0.01 min

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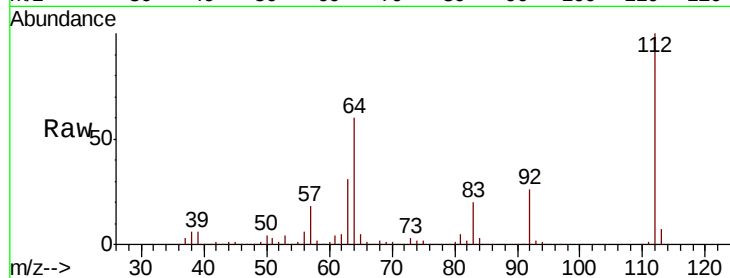
Tot Ion:112 Resp: 820015

Ion Ratio Lower Upper

112 100

64 59.5 45.4 68.2

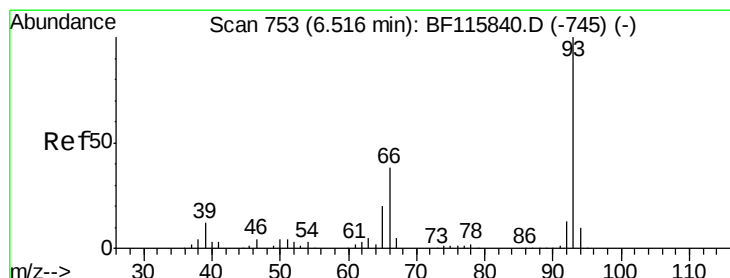
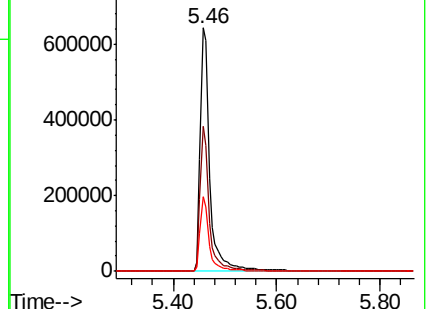
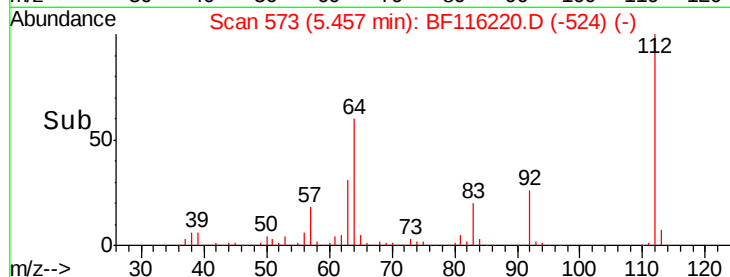
63 30.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.574 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF116220.D

Acq: 13 Aug 2019 9:56

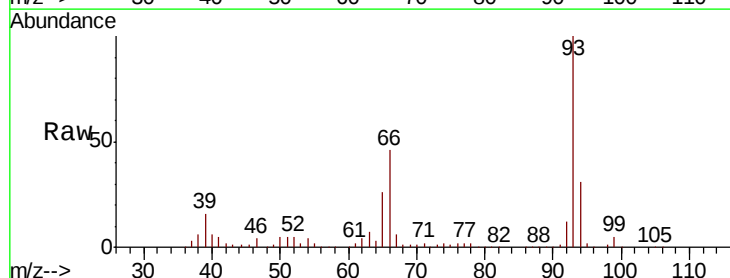
Tgt Ion: 93 Resp: 676804

Ion Ratio Lower Upper

93 100

66 46.3 32.2 48.4

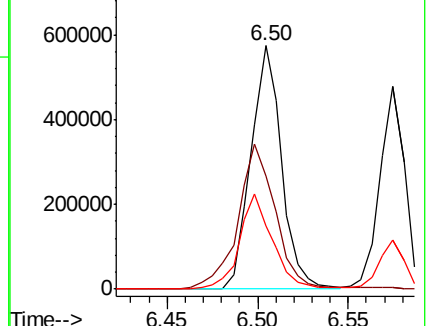
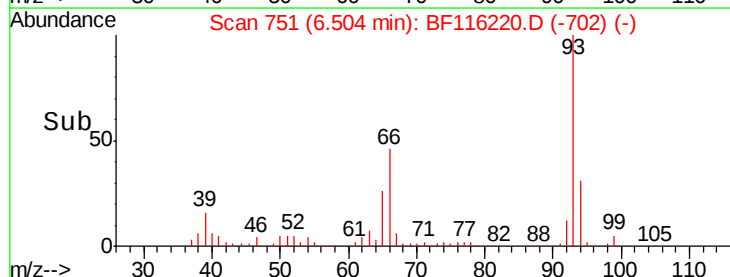
65 26.0 17.0 25.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 83.605 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF116220.D

Acq: 13 Aug 2019 9:56

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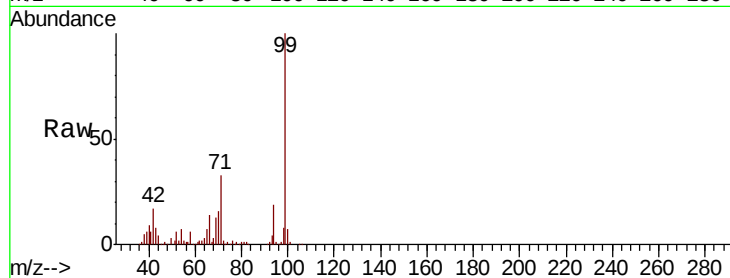
Tot Ion: 99 Resp: 998387

Ion Ratio Lower Upper

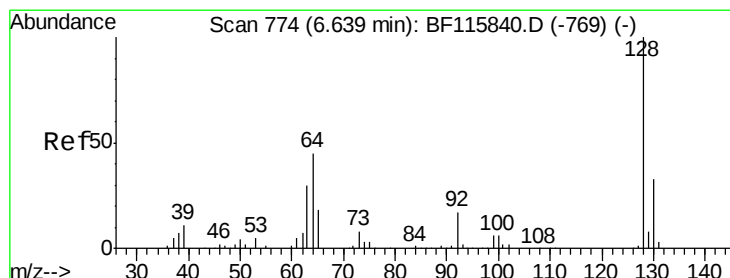
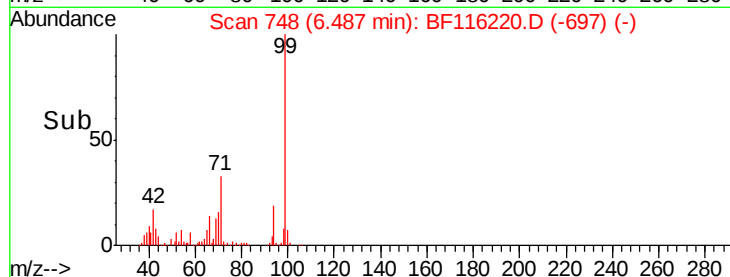
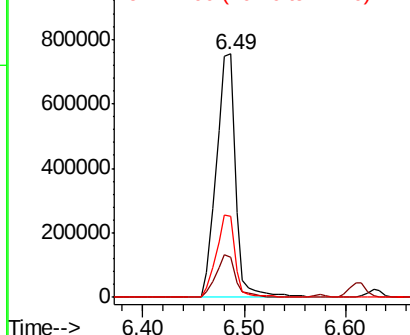
99 100

42 16.5 13.8 20.8

71 33.2 27.3 40.9



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 43.232 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF116220.D

Acq: 13 Aug 2019 9:56

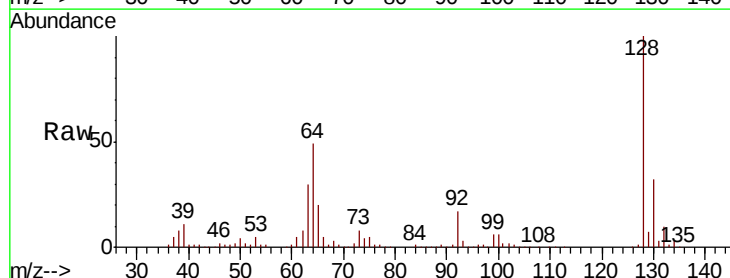
Tgt Ion: 128 Resp: 452486

Ion Ratio Lower Upper

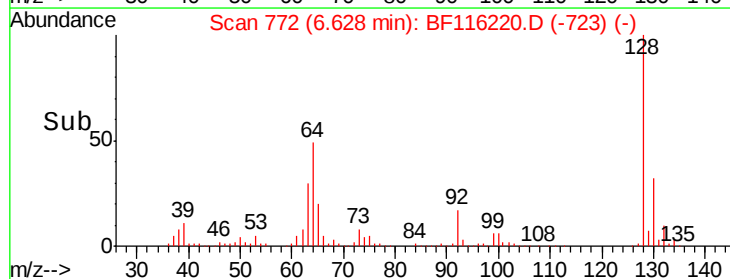
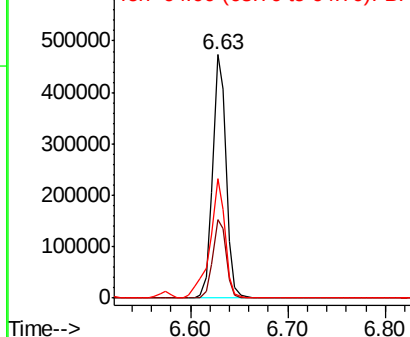
128 100

130 32.2 12.9 52.9

64 49.0 24.3 64.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 38.781 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

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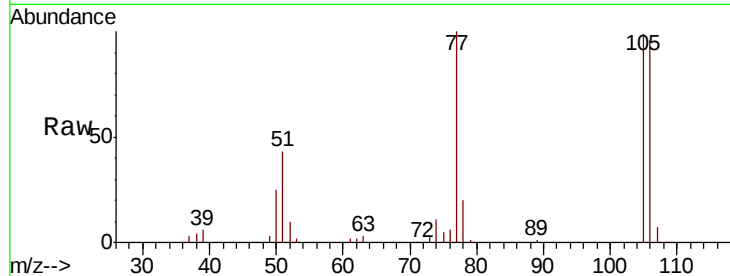
Tot Ion: 77 Resp: 319540

Ion Ratio Lower Upper

77 100

105 99.1 79.2 119.2

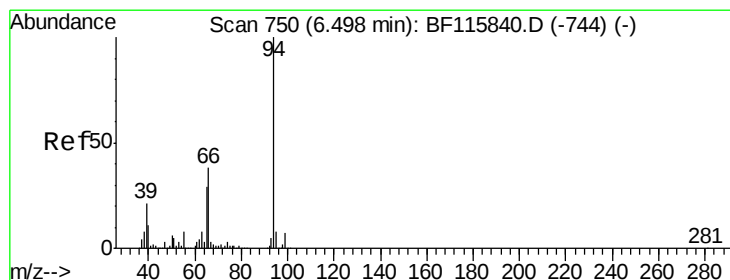
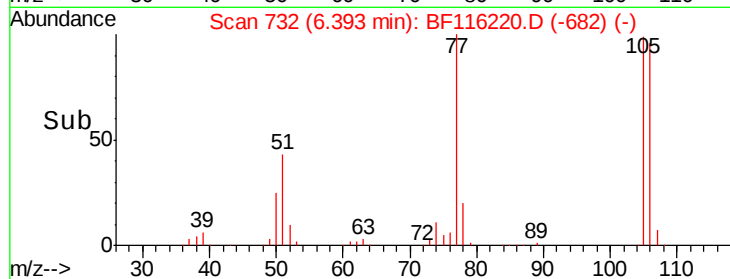
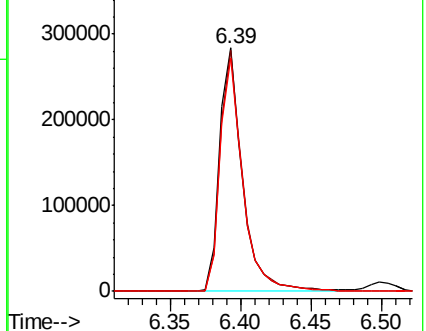
106 95.9 74.3 114.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.690 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF116220.D

Acq: 13 Aug 2019 9:56

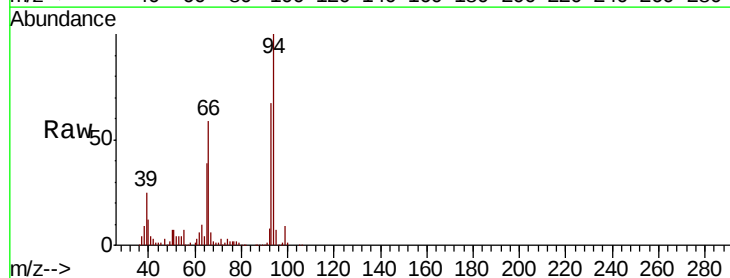
Tgt Ion: 94 Resp: 572207

Ion Ratio Lower Upper

94 100

65 38.5 16.8 56.8

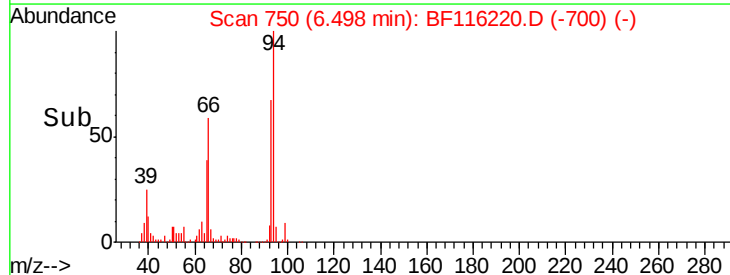
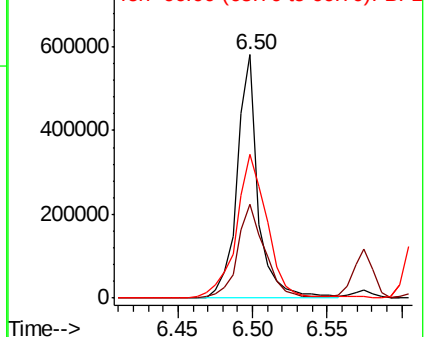
66 58.8 34.2 74.2



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

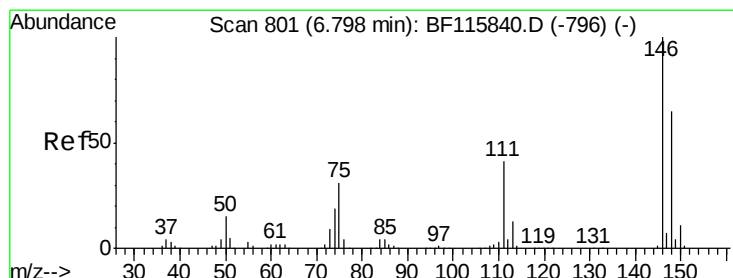
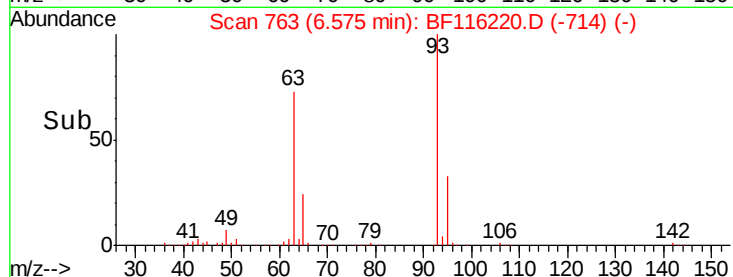
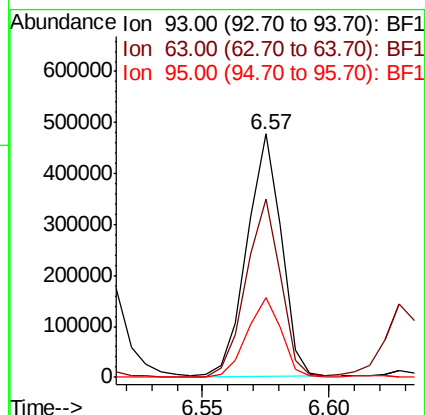
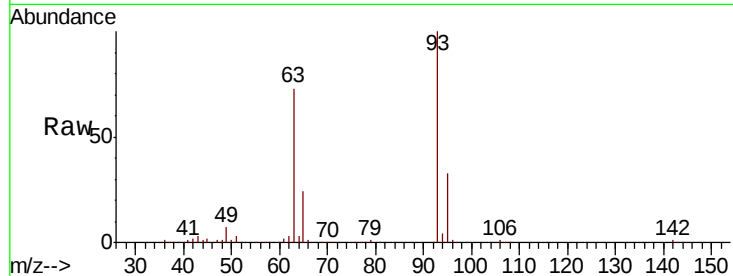




#11
 bis(2-Chloroethyl)ether
 Concen: 43.350 ng
 RT: 6.57 min Scan# 763
 Delta R.T. -0.01 min
 Lab File: BF116220.D
 Acq: 13 Aug 2019 9:56

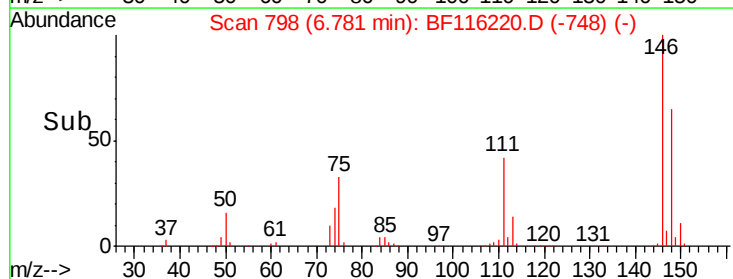
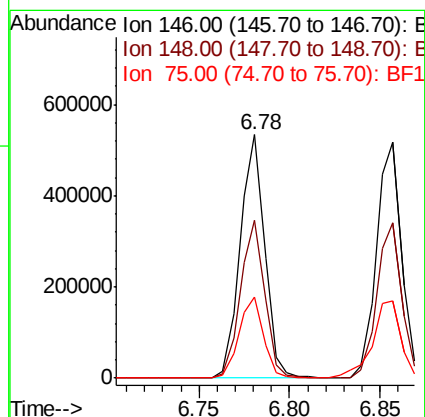
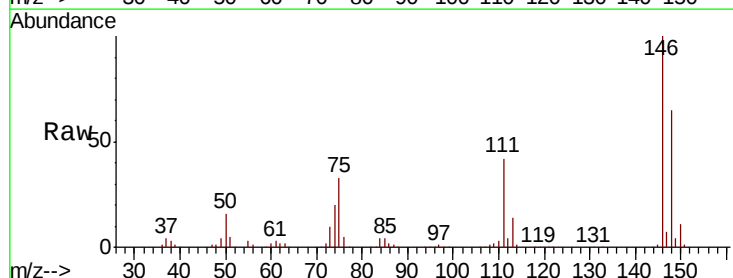
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

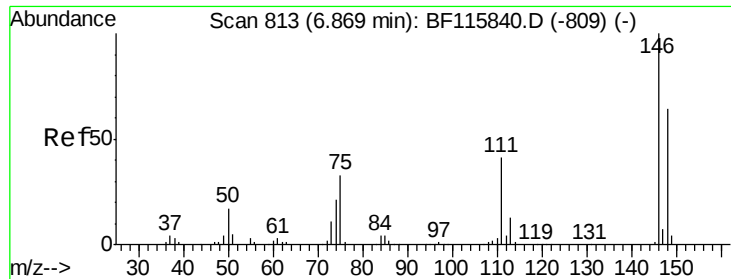
Tot Ion: 93 Resp: 448195
 Ion Ratio Lower Upper
 93 100
 63 73.2 51.9 91.9
 95 32.6 13.0 53.0



#12
 1,3-Dichlorobenzene
 Concen: 41.436 ng
 RT: 6.78 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF116220.D
 Acq: 13 Aug 2019 9:56

Tgt Ion: 146 Resp: 501214
 Ion Ratio Lower Upper
 146 100
 148 65.1 51.3 76.9
 75 33.1 27.4 41.2

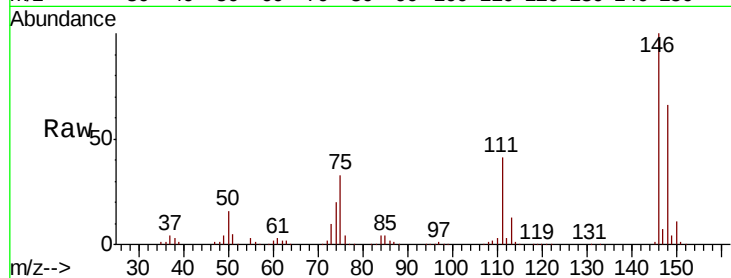




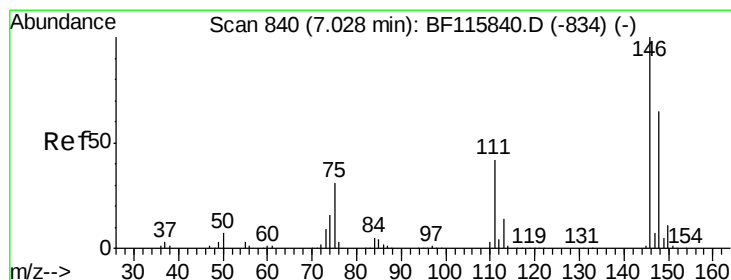
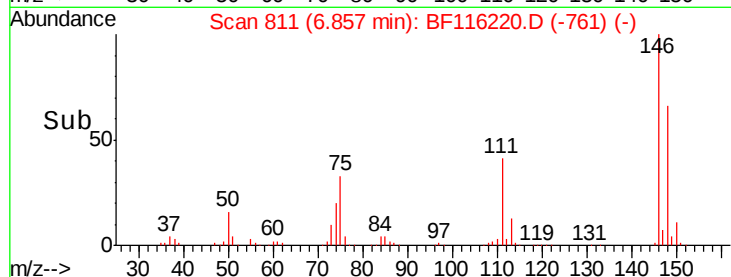
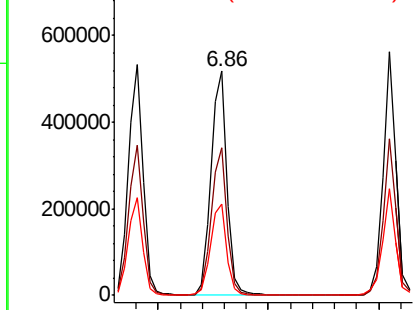
#13
 1,4-Dichlorobenzene
 Concen: 41.691 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF116220.D
 Acq: 13 Aug 2019 9:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.8	51.3	76.9
111	40.8	34.0	51.0

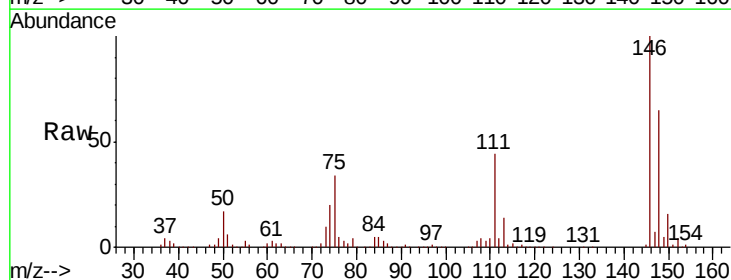


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

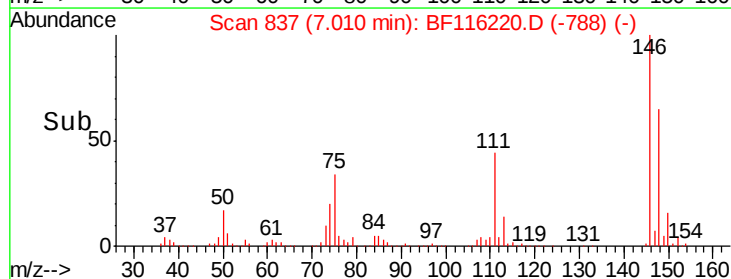
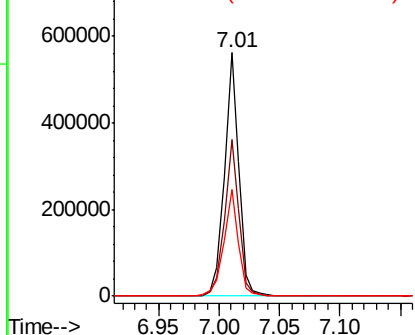


#14
 1,2-Dichlorobenzene
 Concen: 41.268 ng
 RT: 7.01 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BF116220.D
 Acq: 13 Aug 2019 9:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.2	76.8
111	44.1	33.5	50.3



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.896 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF116220.D

Acq: 13 Aug 2019 9:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

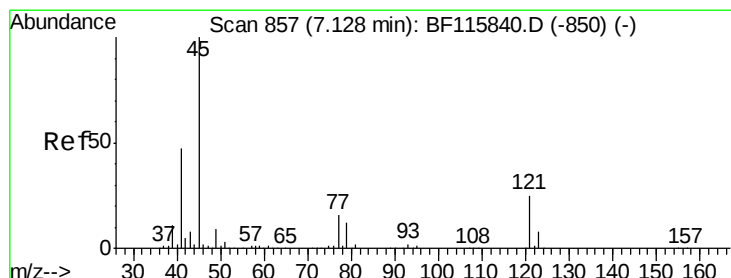
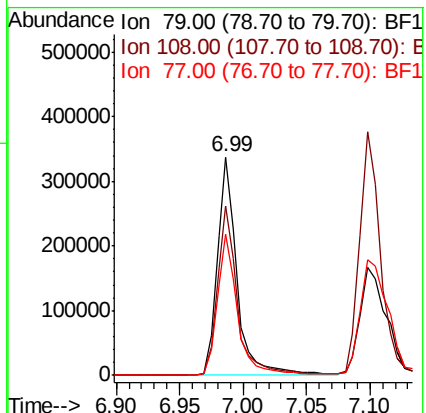
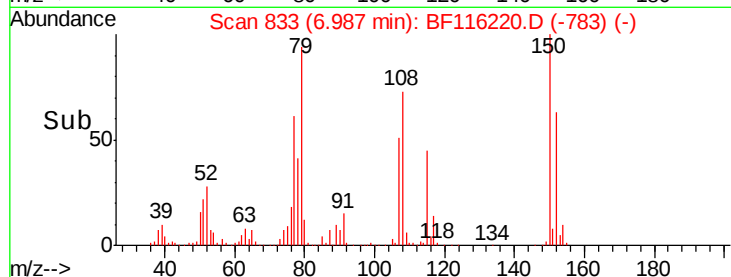
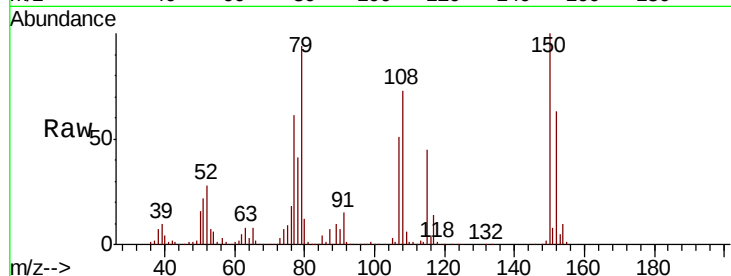
Tot Ion: 79 Resp: 370624

Ion Ratio Lower Upper

79 100

108 77.7 62.7 94.1

77 64.6 52.2 78.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.713 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF116220.D

Acq: 13 Aug 2019 9:56

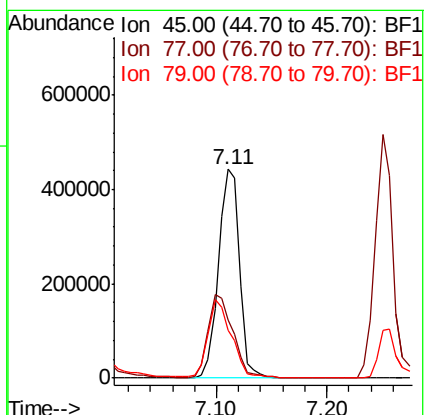
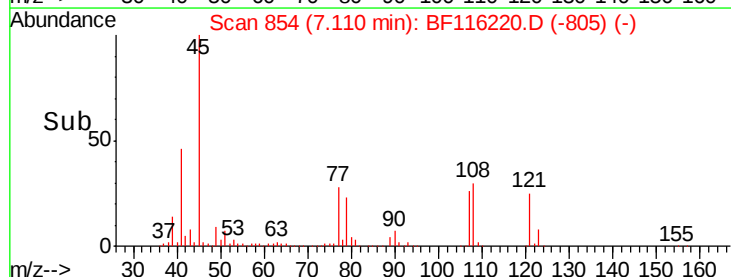
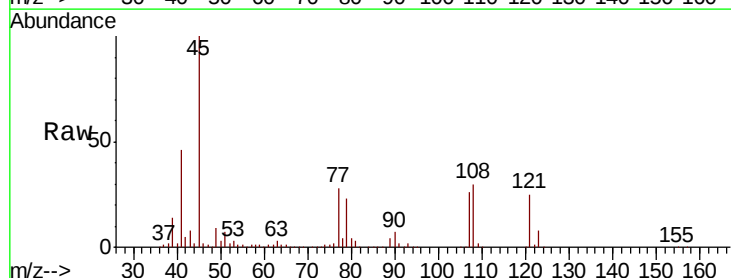
Tgt Ion: 45 Resp: 588259

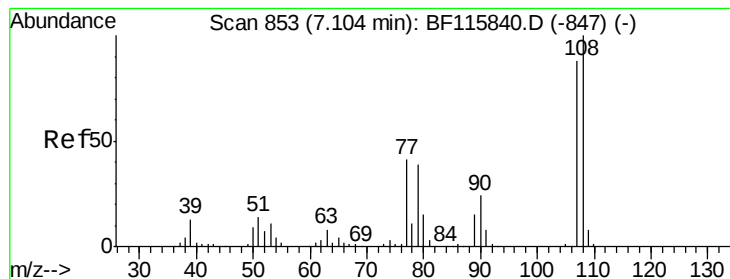
Ion Ratio Lower Upper

45 100

77 27.7 0.0 40.0

79 22.7 0.0 35.9





#17

2-Methylphenol

Concen: 42.331 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF116220.D

Acq: 13 Aug 2019 9:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 375152

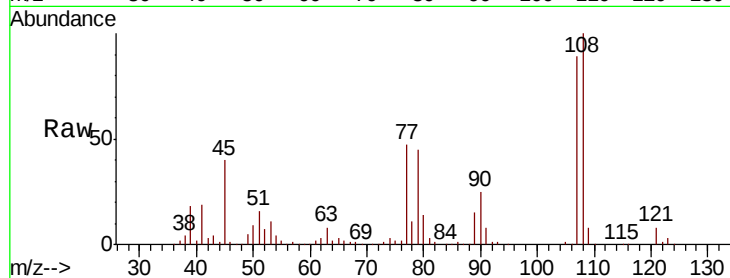
Ion Ratio Lower Upper

107 100

108 112.9 91.2 136.8

77 53.4 40.3 60.5

79 50.3 37.6 56.4



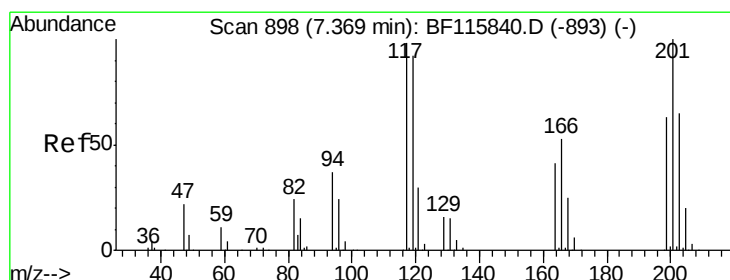
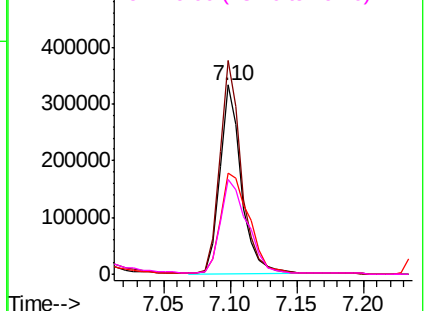
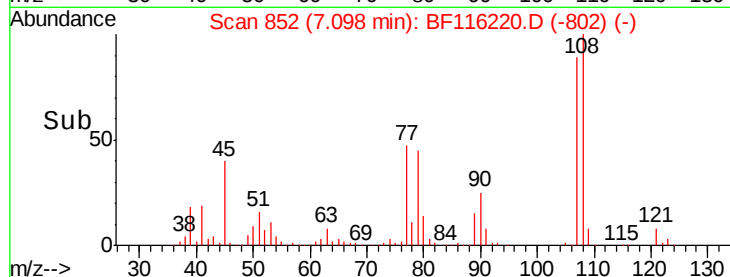
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 42.471 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF116220.D

Acq: 13 Aug 2019 9:56

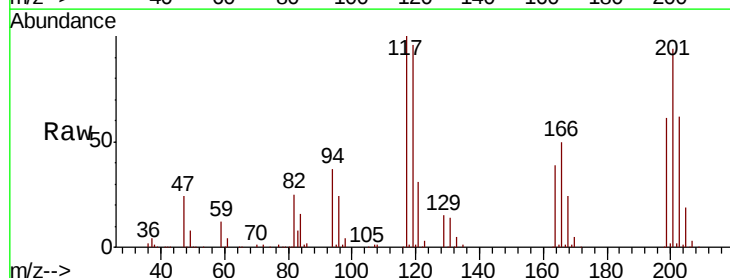
Tgt Ion:117 Resp: 189383

Ion Ratio Lower Upper

117 100

119 95.7 76.1 114.1

201 93.9 77.0 115.4

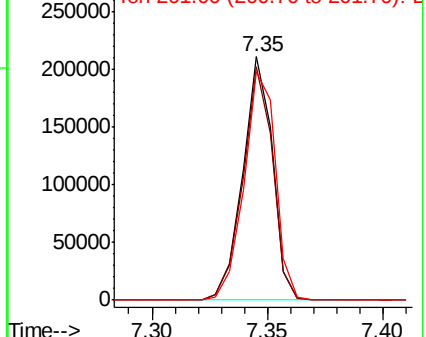
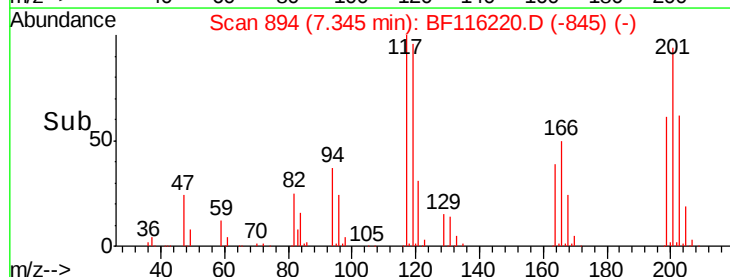


Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

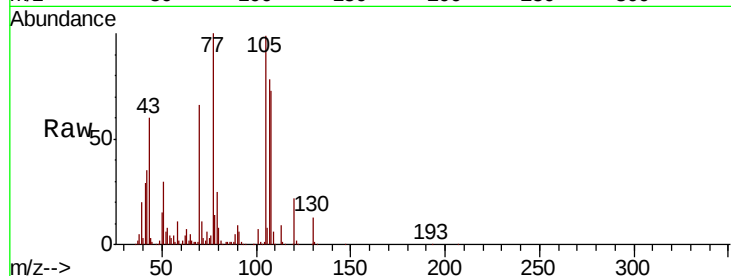




#19
n-Nitroso-di-n-propylamine
Concen: 42.069 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF116220.D
Acq: 13 Aug 2019 9:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	70	Resp:	311315
Ion	Ratio	Lower	Upper
70	100		
42	53.3	40.9	61.3
101	10.1	7.9	11.9
130	20.4	16.9	25.3



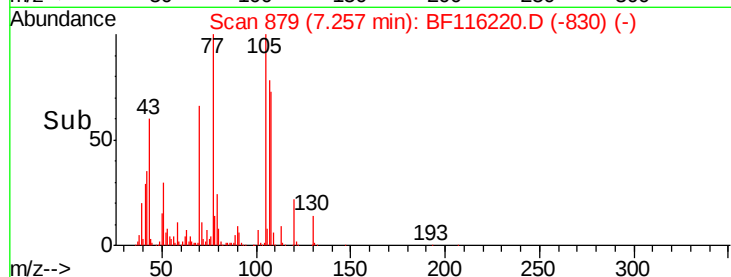
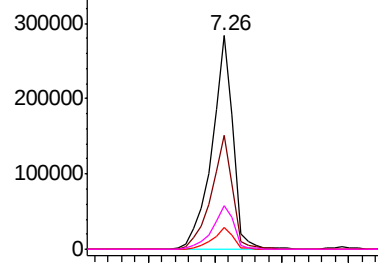
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

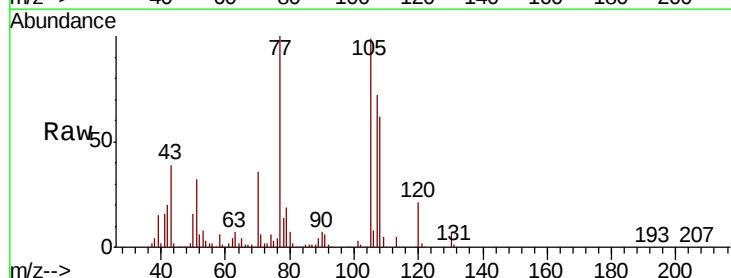
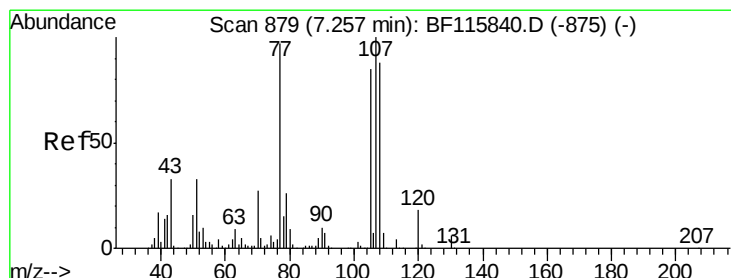
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 42.143 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF116220.D
Acq: 13 Aug 2019 9:56

Tgt Ion:	107	Resp:	441972
Ion	Ratio	Lower	Upper
107	100		
108	86.4	67.6	107.6
77	138.6	104.4	144.4
79	27.0	7.4	47.4



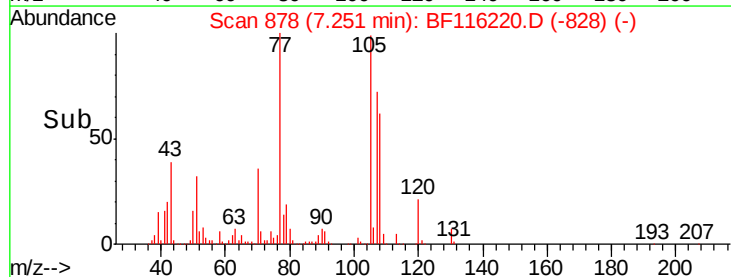
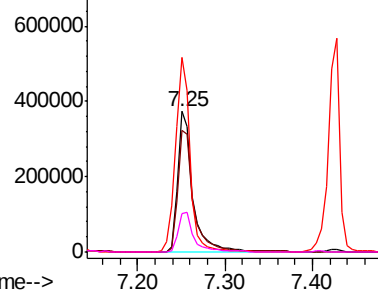
Abundance

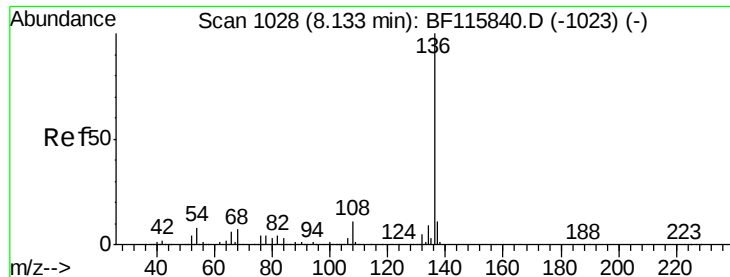
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF116220.D

Acq: 13 Aug 2019 9:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 664382

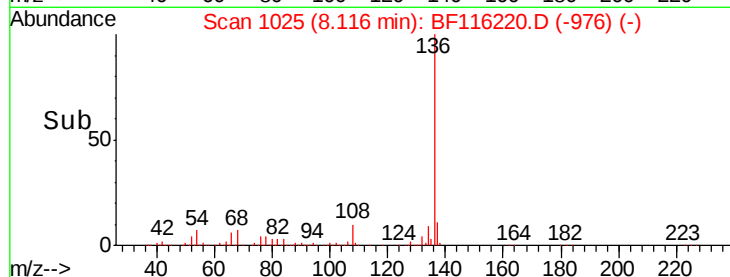
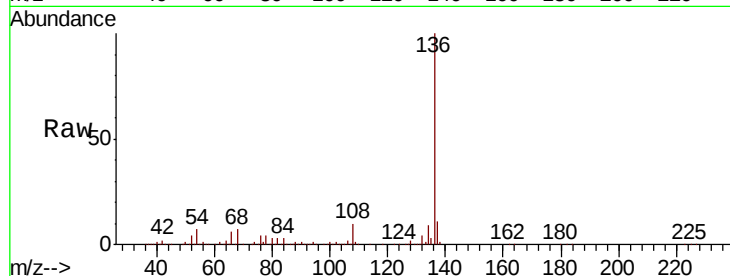
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.4

54 7.5 5.8 8.6

68 6.7 5.2 7.8

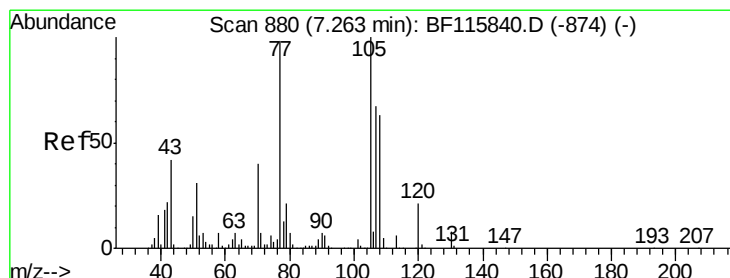
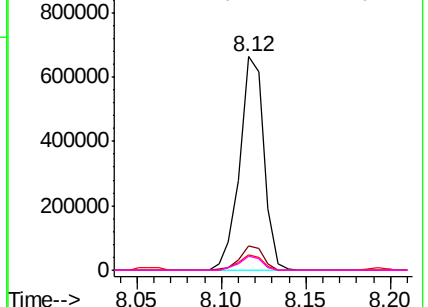


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.382 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF116220.D

Acq: 13 Aug 2019 9:56

Tgt Ion:105 Resp: 588402

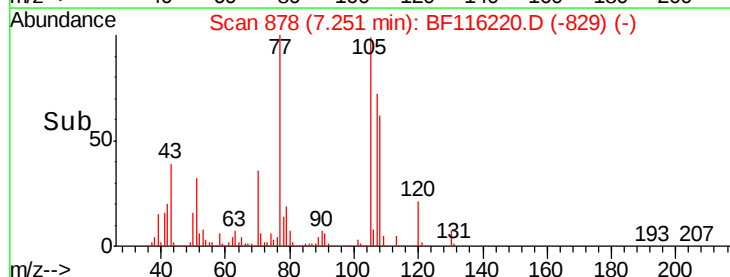
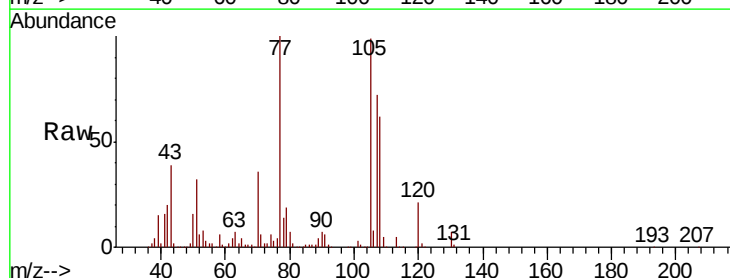
Ion Ratio Lower Upper

105 100

71 6.3 5.9 8.9

51 32.1 25.3 37.9

120 21.6 17.9 26.9

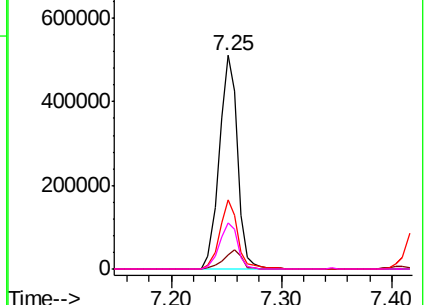


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

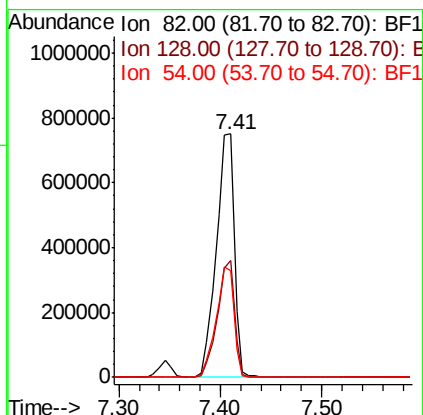
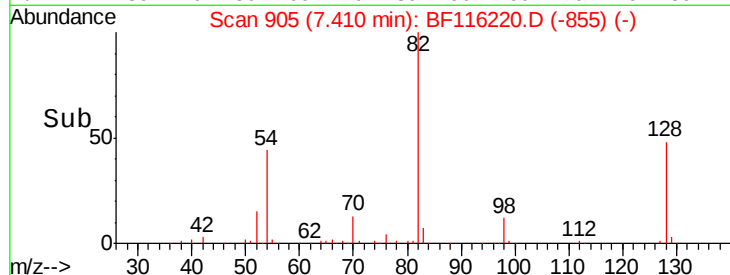
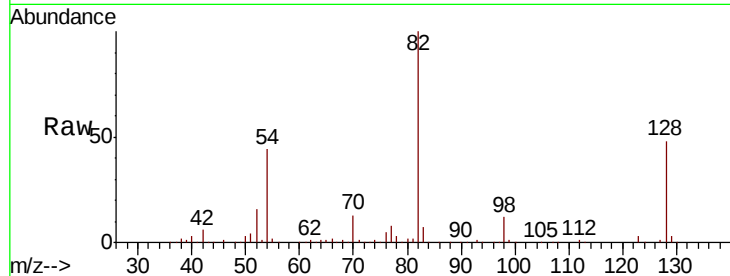




#23
 Nitrobenzene-d5
 Concen: 80.847 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF116220.D
 Acq: 13 Aug 2019 9:56

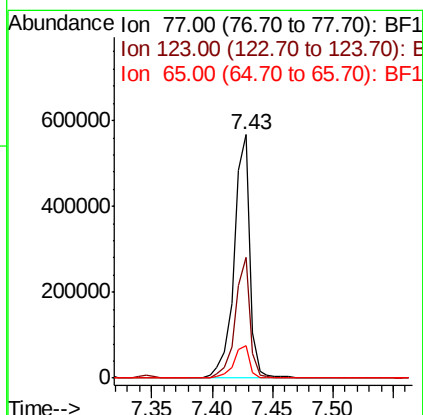
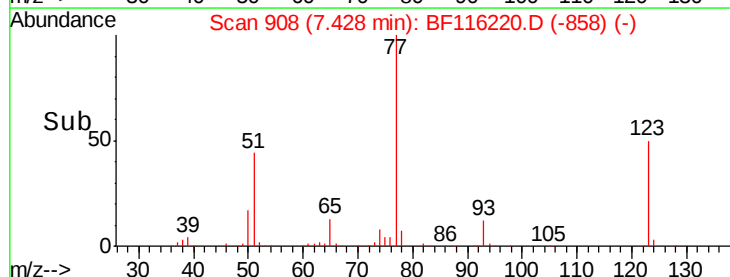
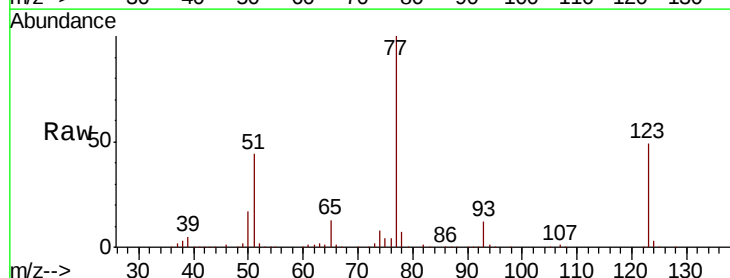
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

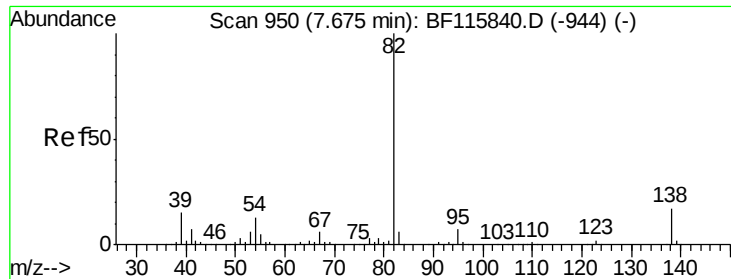
Tot Ion: 82 Resp: 930534
 Ion Ratio Lower Upper
 82 100
 128 47.8 36.5 54.7
 54 43.9 36.0 54.0



#24
 Nitrobenzene
 Concen: 41.306 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF116220.D
 Acq: 13 Aug 2019 9:56

Tgt Ion: 77 Resp: 513342
 Ion Ratio Lower Upper
 77 100
 123 49.5 36.7 55.1
 65 13.2 10.6 16.0





#25

Isophorone

Concen: 42.451 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF116220.D

Acq: 13 Aug 2019 9:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

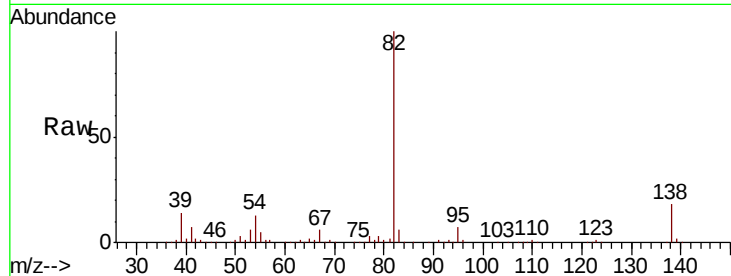
Tot Ion: 82 Resp: 934278

Ion Ratio Lower Upper

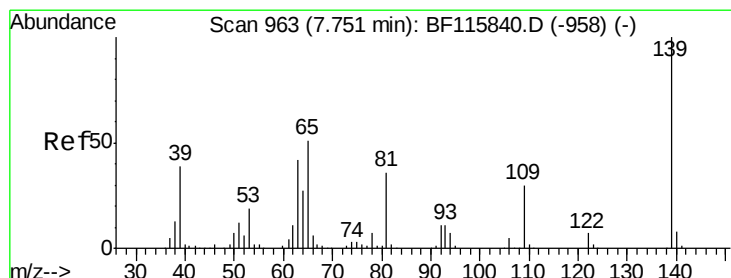
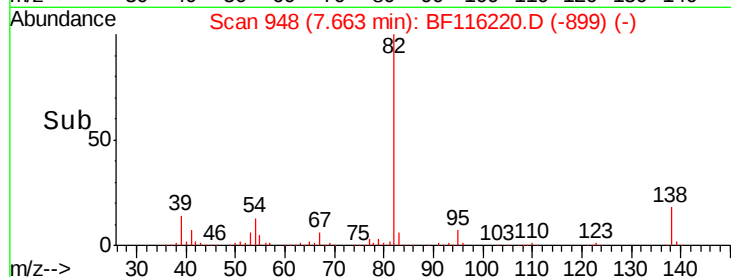
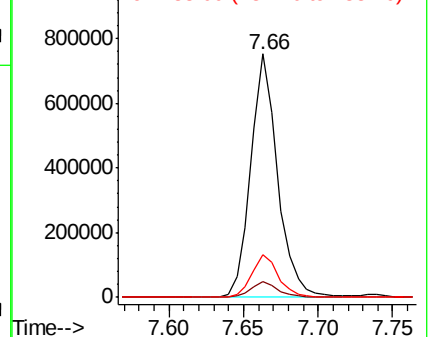
82 100

95 6.7 5.4 8.0

138 17.6 14.5 21.7



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 43.906 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF116220.D

Acq: 13 Aug 2019 9:56

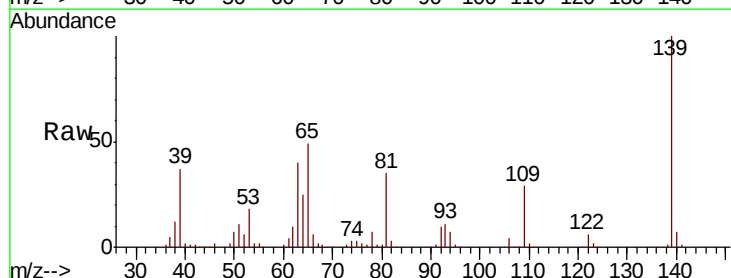
Tgt Ion: 139 Resp: 257212

Ion Ratio Lower Upper

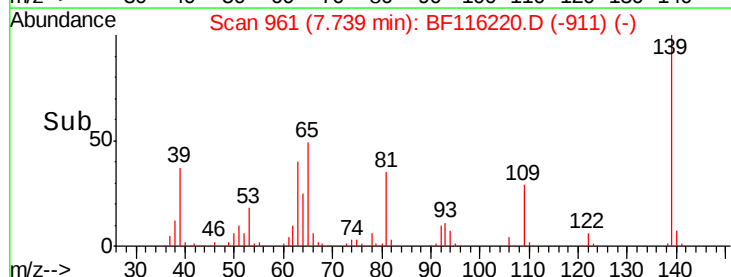
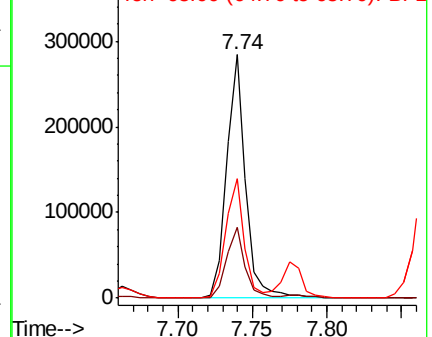
139 100

109 29.0 23.4 35.2

65 48.9 41.1 61.7



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 40.406 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF116220.D

Acq: 13 Aug 2019 9:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

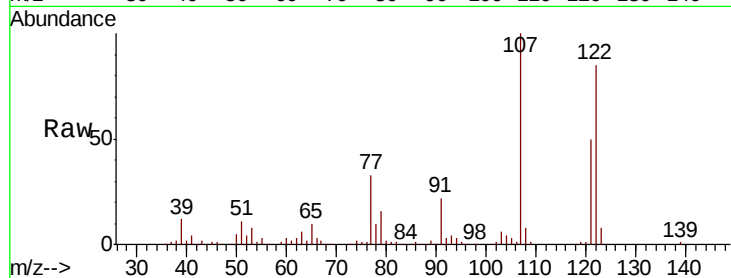
Tot Ion:122 Resp: 356126

Ion Ratio Lower Upper

122 100

107 118.1 93.0 139.6

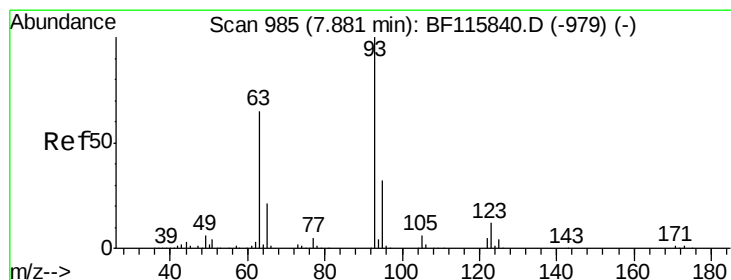
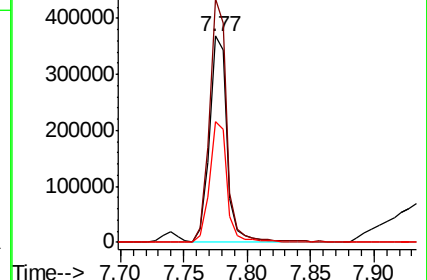
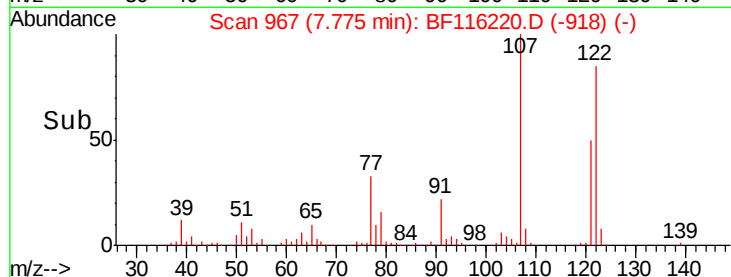
121 58.7 47.6 71.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.901 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF116220.D

Acq: 13 Aug 2019 9:56

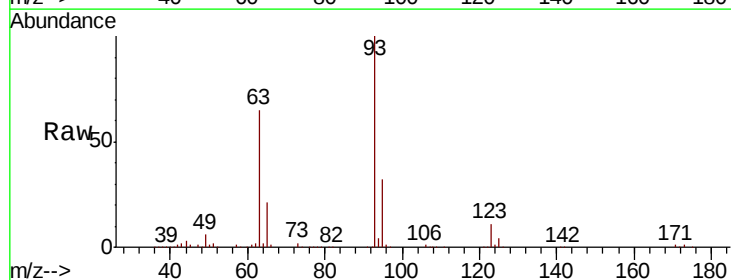
Tgt Ion: 93 Resp: 585223

Ion Ratio Lower Upper

93 100

95 32.5 26.2 39.4

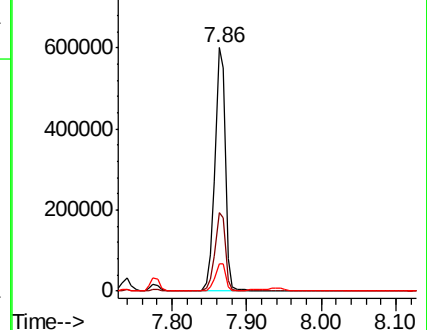
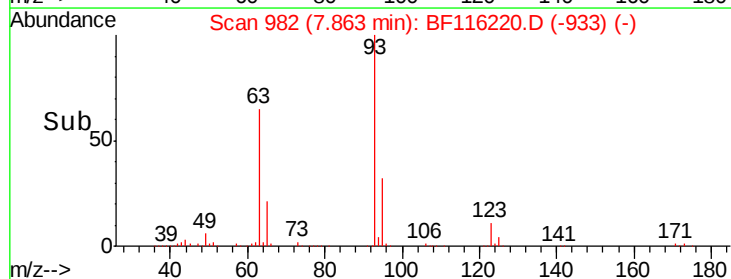
123 11.0 9.2 13.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

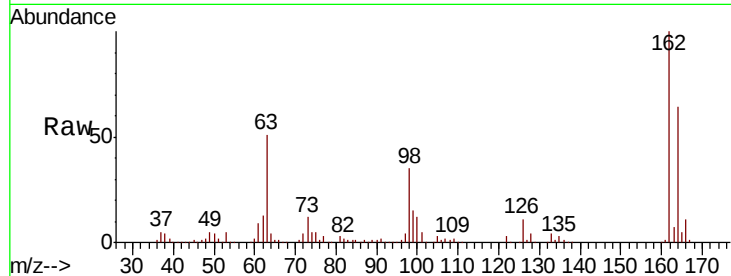




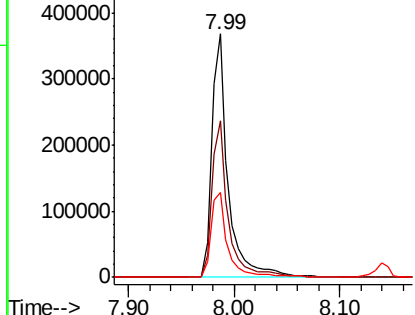
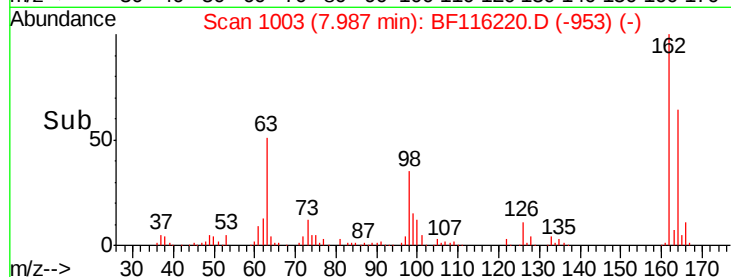
#29
 2,4-Dichlorophenol
 Concen: 42.791 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BF116220.D
 Acq: 13 Aug 2019 9:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	45.1	85.1
98	35.1	15.8	55.8

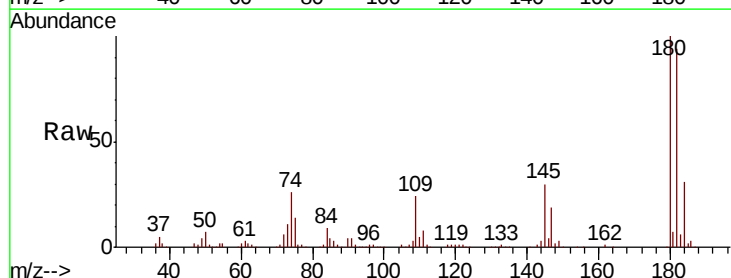


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

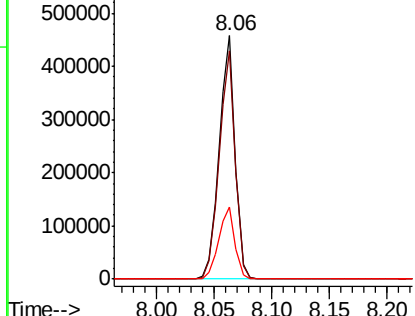
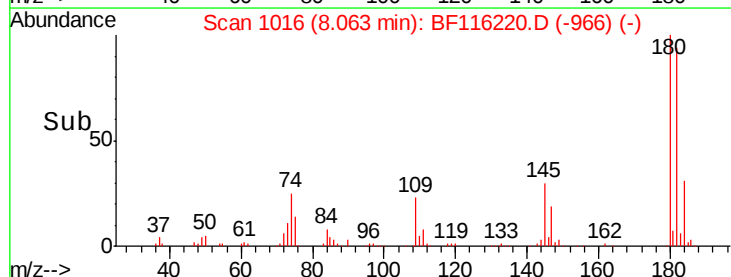


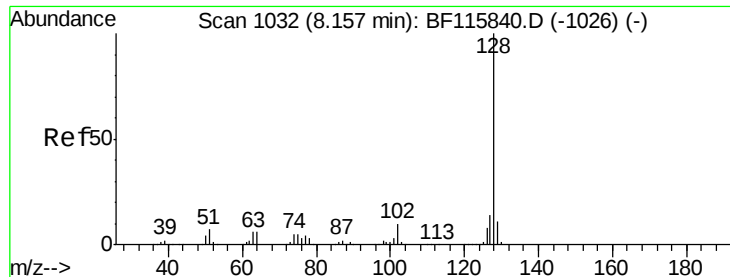
#30
 1,2,4-Trichlorobenzene
 Concen: 41.244 ng
 RT: 8.06 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: BF116220.D
 Acq: 13 Aug 2019 9:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	75.7	113.5
145	29.7	24.3	36.5



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

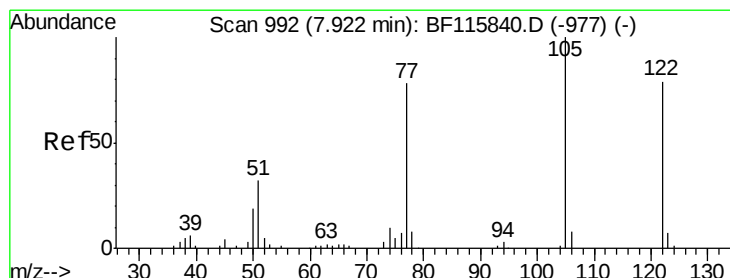
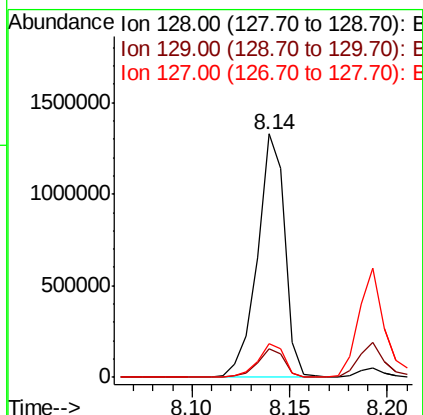
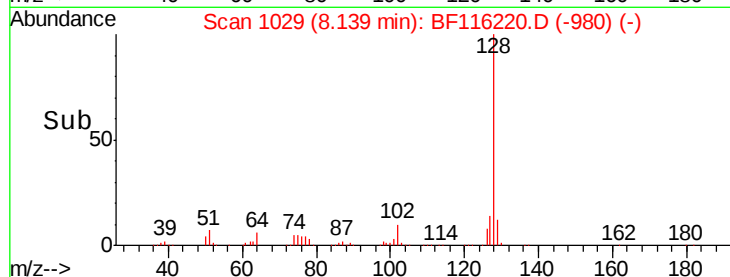
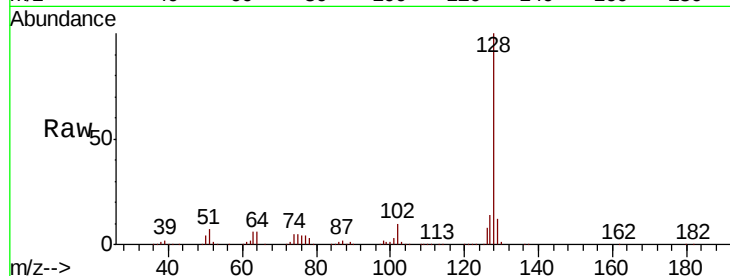




#31
Naphthalene
Concen: 41.244 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF116220.D
Acq: 13 Aug 2019 9:56

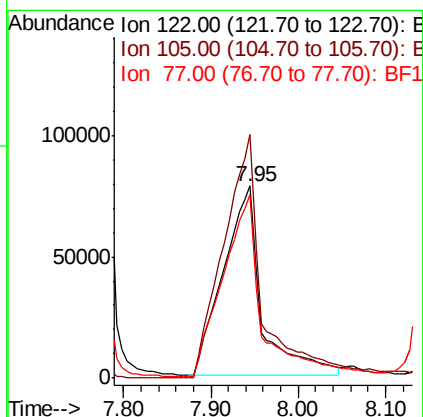
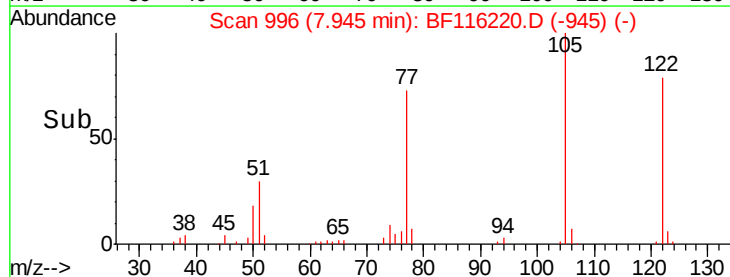
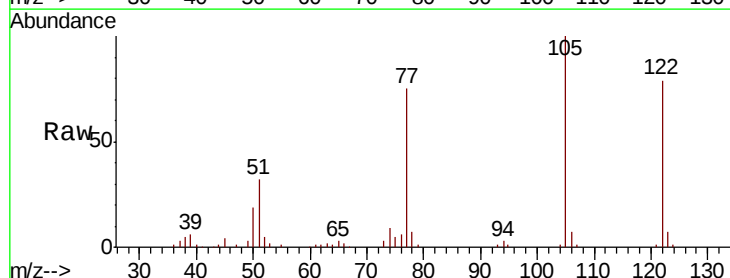
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

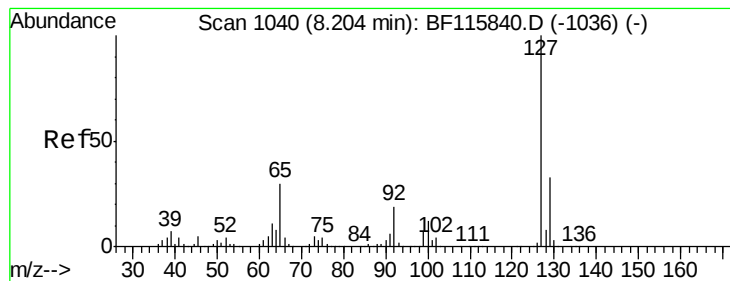
Tot Ion:128 Resp: 1289464
Ion Ratio Lower Upper
128 100
129 11.9 9.3 13.9
127 13.9 11.4 17.0



#32
Benzoic acid
Concen: 38.054 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF116220.D
Acq: 13 Aug 2019 9:56

Tgt Ion:122 Resp: 236463
Ion Ratio Lower Upper
122 100
105 126.9 106.1 146.1
77 95.5 76.7 116.7





#33

4-Chloroaniline

Concen: 42.111 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF116220.D

Acq: 13 Aug 2019 9:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:127 Resp: 588262

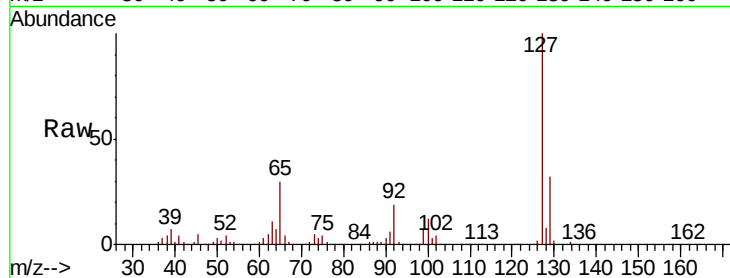
Ion Ratio Lower Upper

127 100

129 32.4 26.1 39.1

65 29.7 24.9 37.3

92 18.9 15.7 23.5

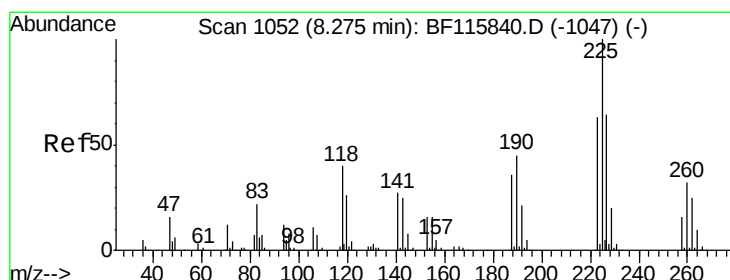
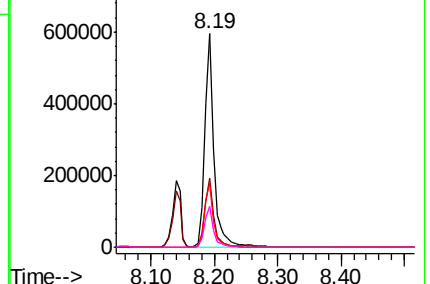
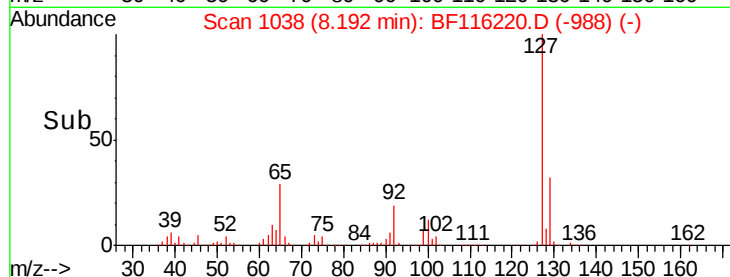


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 40.911 ng

RT: 8.26 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BF116220.D

Acq: 13 Aug 2019 9:56

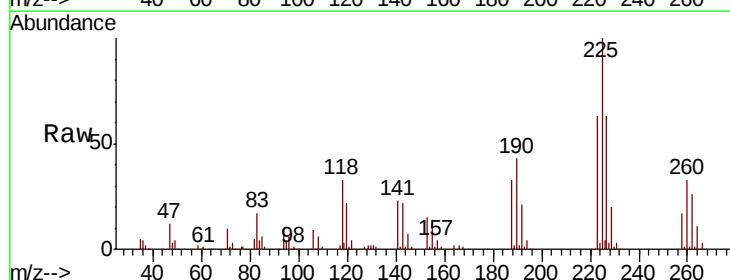
Tgt Ion:225 Resp: 249973

Ion Ratio Lower Upper

225 100

223 63.3 50.0 75.0

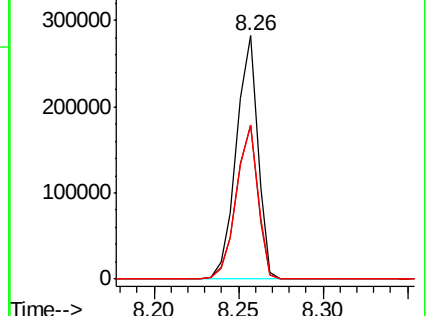
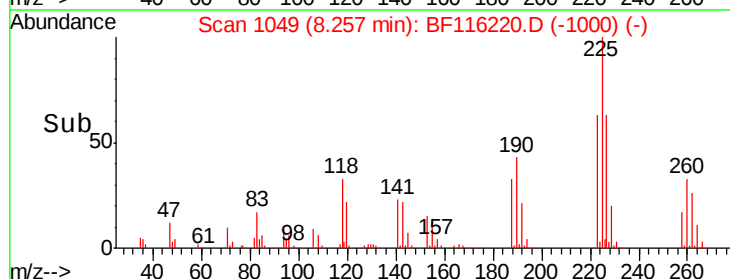
227 63.4 51.0 76.4



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

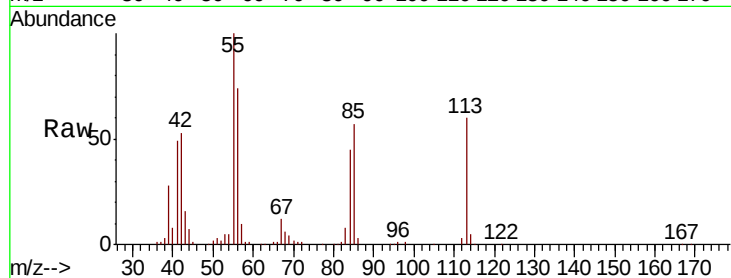




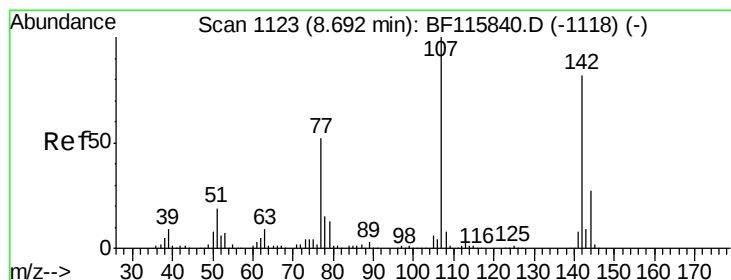
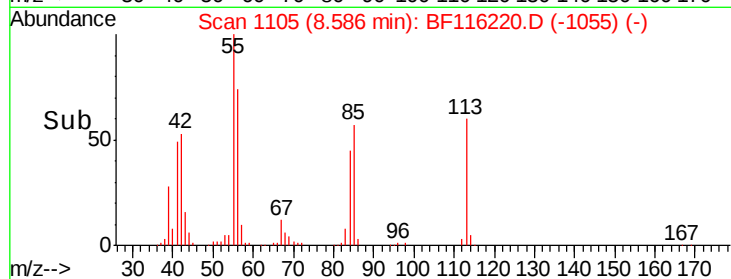
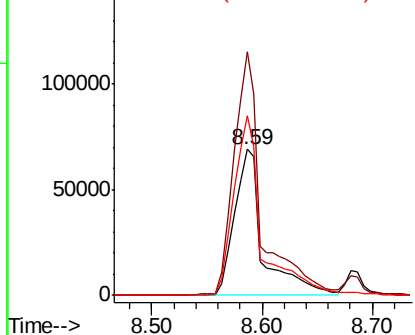
#35
 Caprolactam
 Concen: 41.922 ng
 RT: 8.59 min Scan# 1105
 Delta R.T. -0.01 min
 Lab File: BF116220.D
 Acq: 13 Aug 2019 9:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:113 Resp: 126178
 Ion Ratio Lower Upper
 113 100
 55 167.0 144.3 184.3
 56 123.2 97.1 137.1

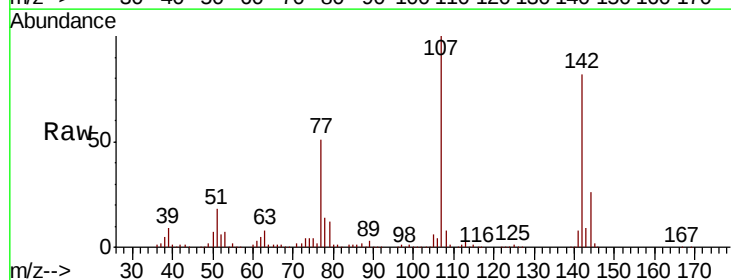


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

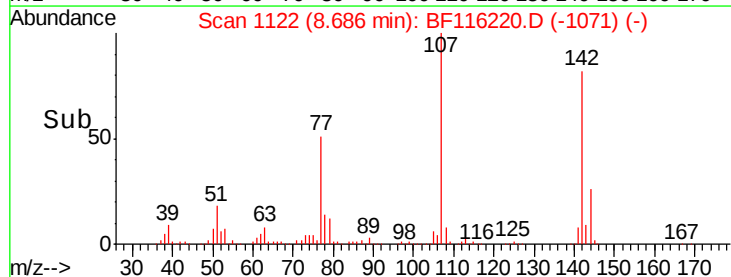
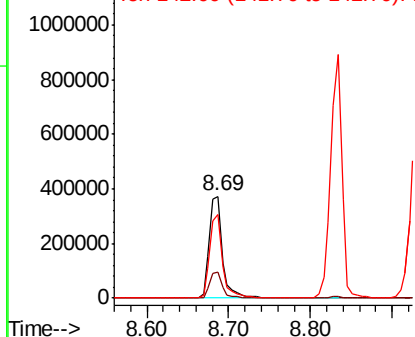


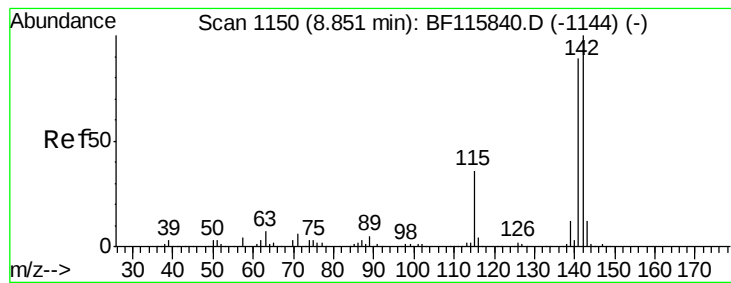
#36
 4-Chloro-3-methylphenol
 Concen: 43.176 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. 0.00 min
 Lab File: BF116220.D
 Acq: 13 Aug 2019 9:56

Tgt Ion:107 Resp: 417999
 Ion Ratio Lower Upper
 107 100
 144 26.1 20.2 30.2
 142 82.4 61.7 92.5



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

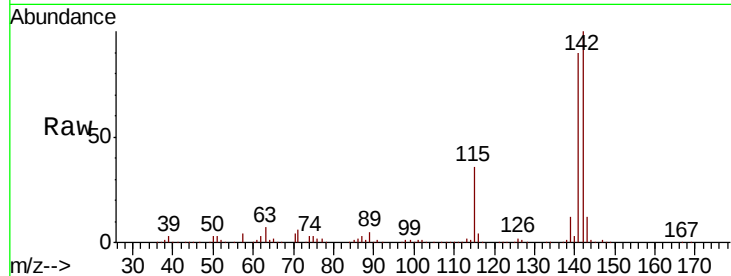




#37
2-Methylnaphthalene
Concen: 41.313 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF116220.D
Acq: 13 Aug 2019 9:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.9	106.3
115	36.1	29.0	43.6

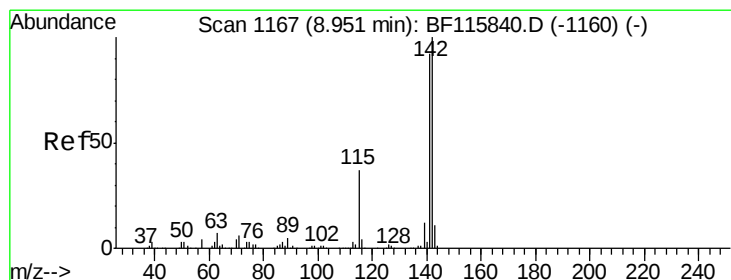
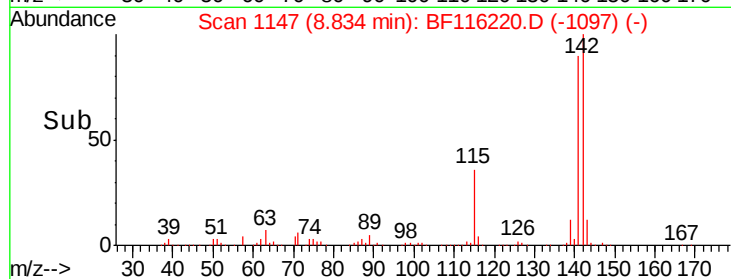
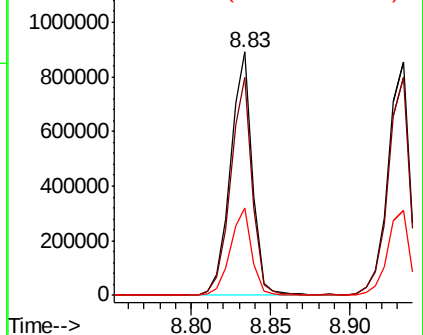


Abundance

Ion 142.00 (141.70 to 142.70): E

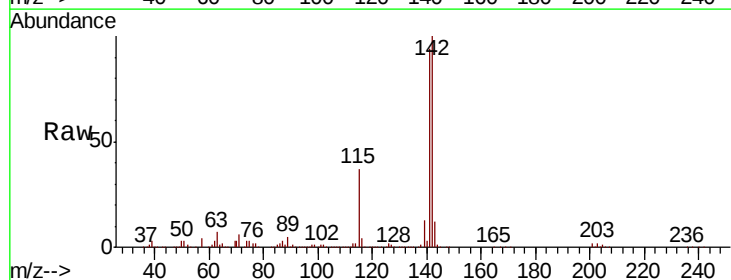
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 41.207 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF116220.D
Acq: 13 Aug 2019 9:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.6	74.4	111.6
116	3.9	3.1	4.7

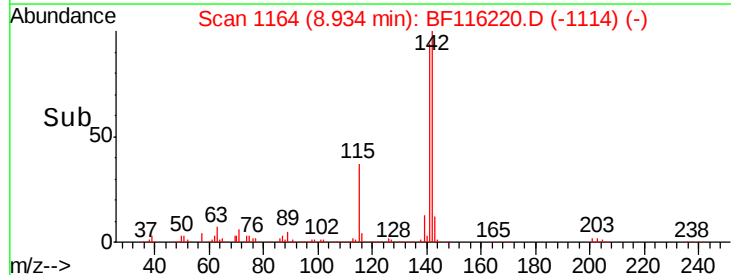
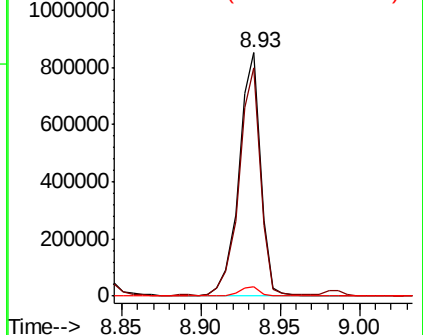


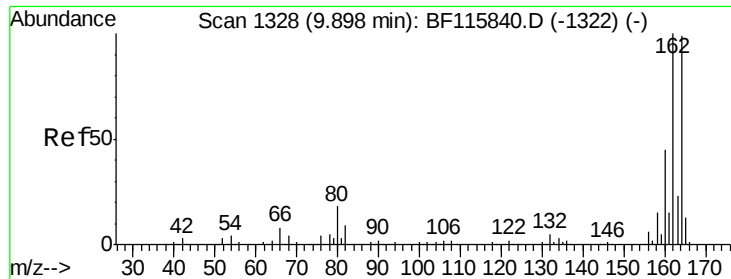
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

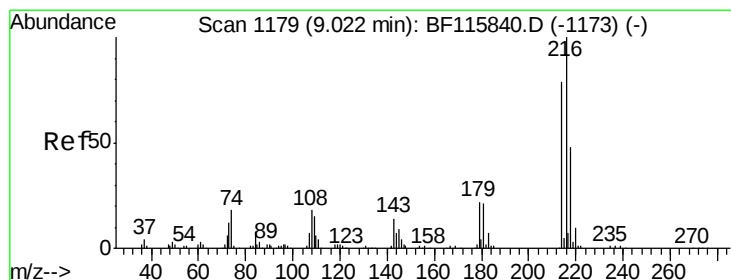
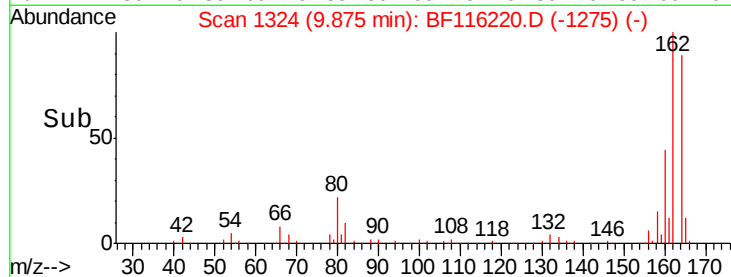
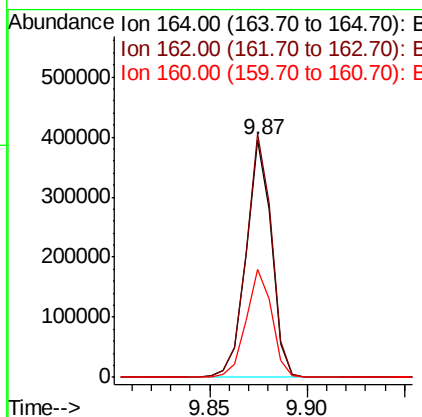
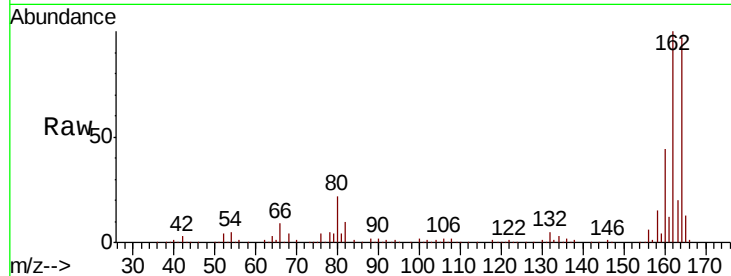




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF116220.D
 Acq: 13 Aug 2019 9:56

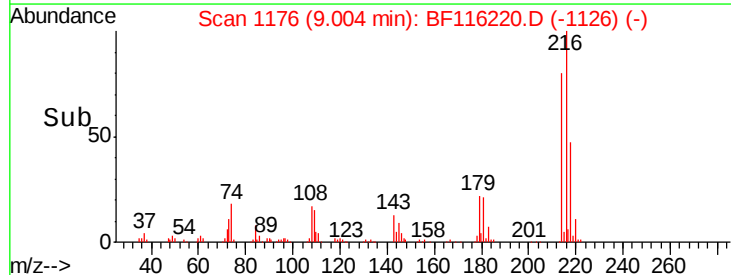
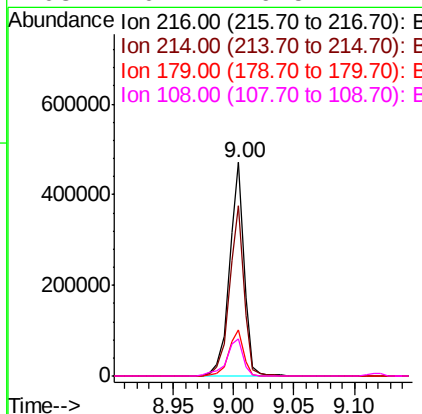
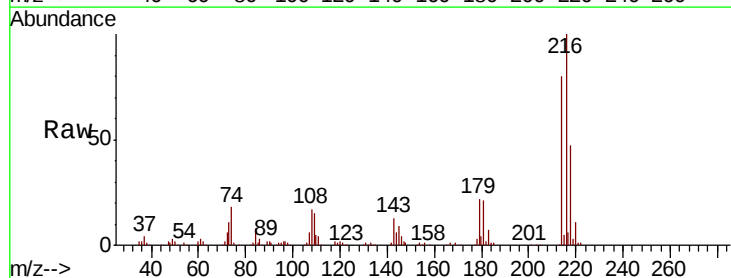
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:164 Resp: 354683
 Ion Ratio Lower Upper
 164 100
 162 102.6 82.6 124.0
 160 45.4 37.6 56.4



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.590 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF116220.D
 Acq: 13 Aug 2019 9:56

Tgt Ion:216 Resp: 394359
 Ion Ratio Lower Upper
 216 100
 214 79.7 63.6 95.4
 179 22.2 17.8 26.8
 108 20.1 16.5 24.7





#41

Hexachlorocyclopentadiene

Concen: 33.684 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BF116220.D

Acq: 13 Aug 2019 9:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

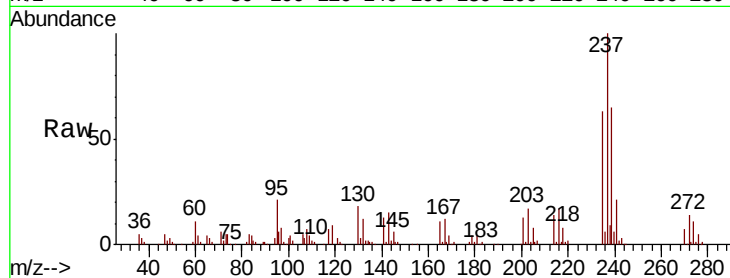
Tot Ion:237 Resp: 127626

Ion Ratio Lower Upper

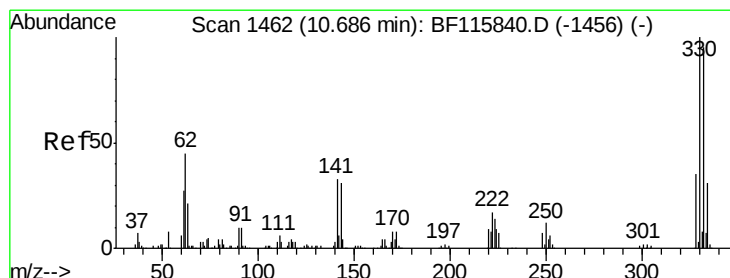
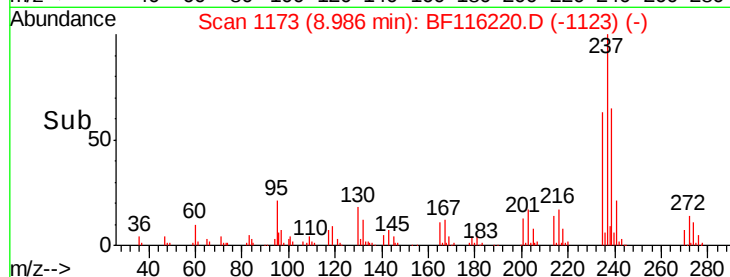
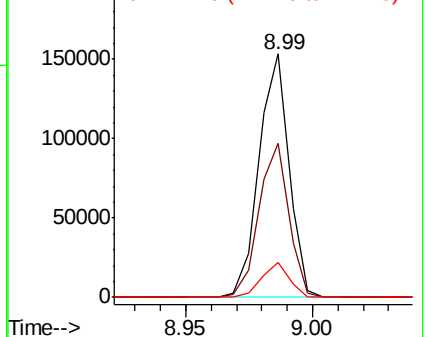
237 100

235 63.5 43.4 83.4

272 14.2 0.0 33.2



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 80.281 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF116220.D

Acq: 13 Aug 2019 9:56

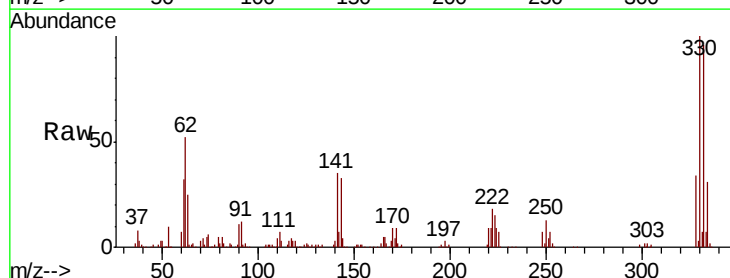
Tgt Ion:330 Resp: 276066

Ion Ratio Lower Upper

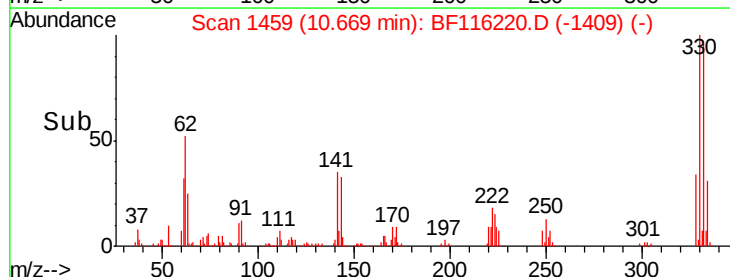
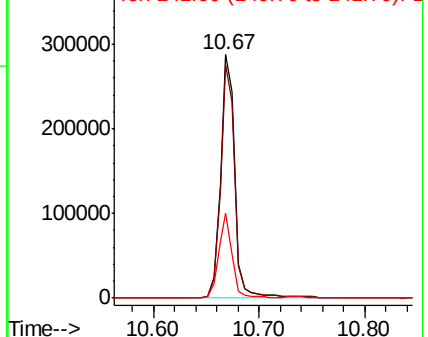
330 100

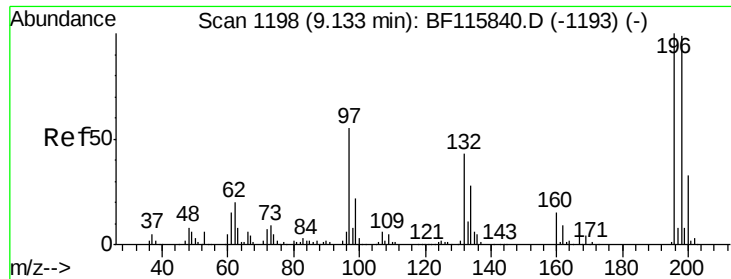
332 96.6 76.8 115.2

141 33.3 26.3 39.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

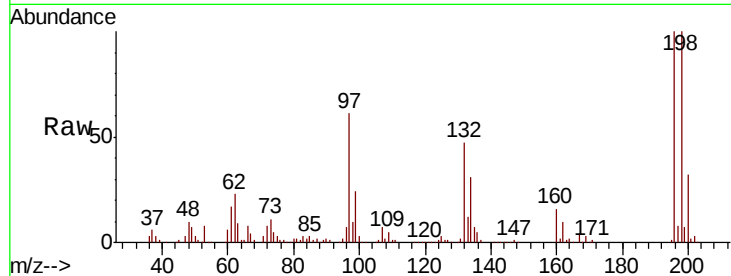




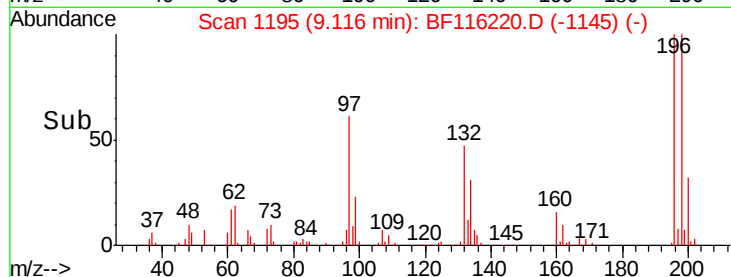
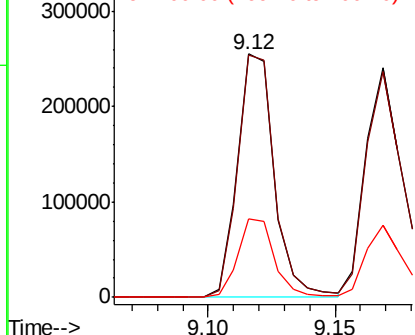
#43
 2,4,6-Trichlorophenol
 Concen: 39.563 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF116220.D
 Acq: 13 Aug 2019 9:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196	Resp:	258213
Ion Ratio	Lower	Upper
196	100	
198	99.7	79.2 118.8
200	32.1	25.2 37.8



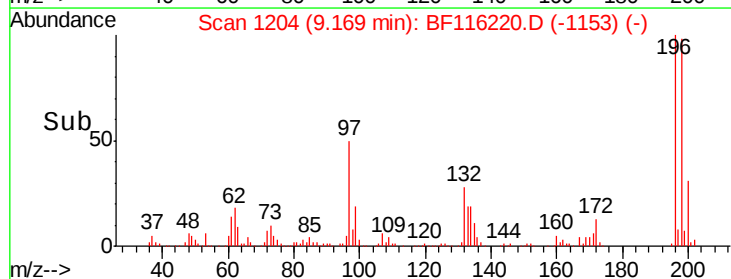
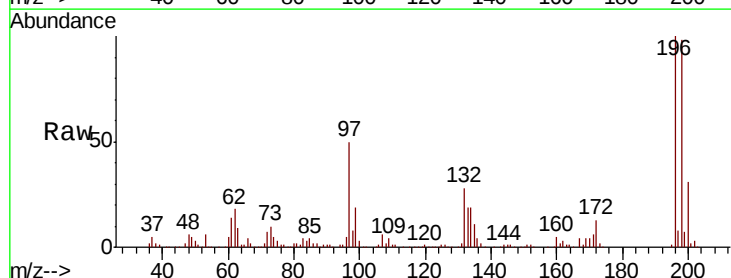
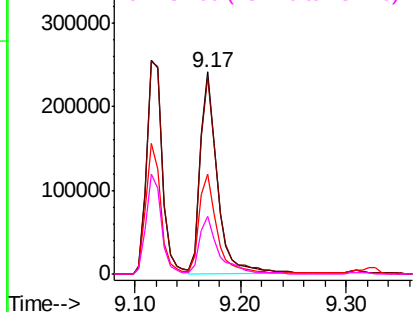
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

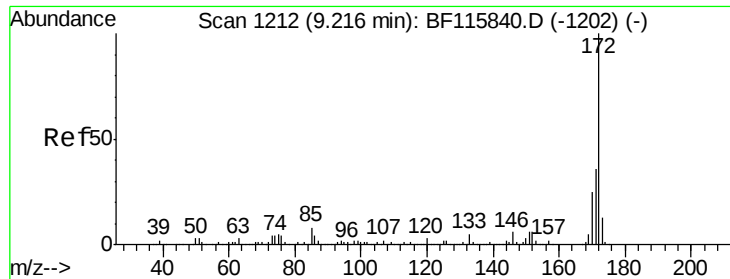


#44
 2,4,5-Trichlorophenol
 Concen: 39.846 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF116220.D
 Acq: 13 Aug 2019 9:56

Tgt Ion:196	Resp:	268829
Ion Ratio	Lower	Upper
196	100	
198	97.9	78.8 118.2
97	49.8	42.2 63.4
132	28.4	24.0 36.0

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

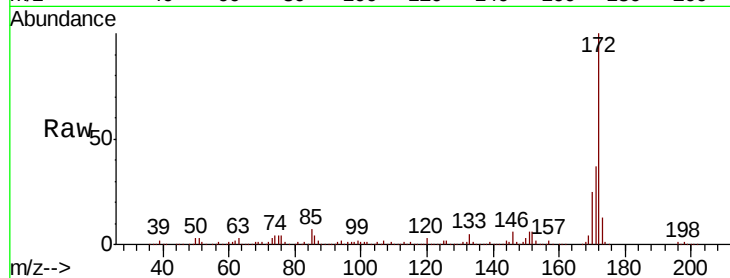




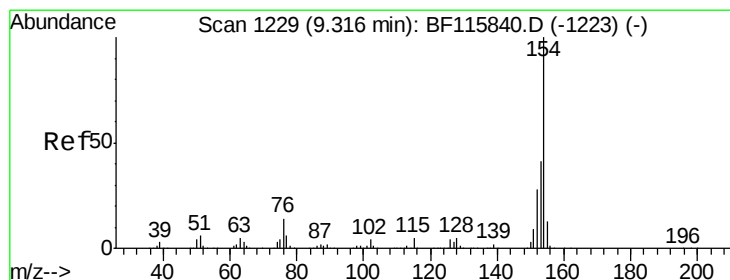
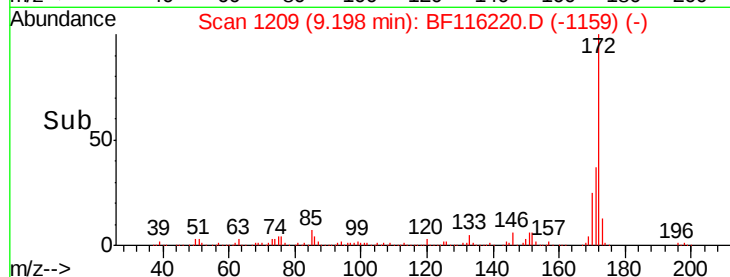
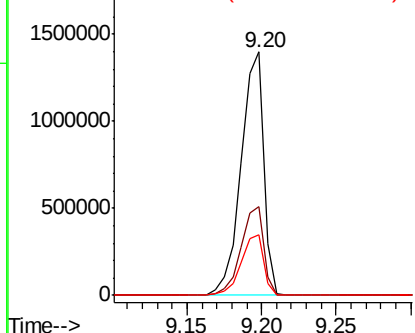
#45
2-Fluorobiphenyl
Concen: 77.985 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF116220.D
Acq: 13 Aug 2019 9:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 1476719
Ion Ratio Lower Upper
172 100
171 36.6 29.6 44.4
170 25.0 20.1 30.1

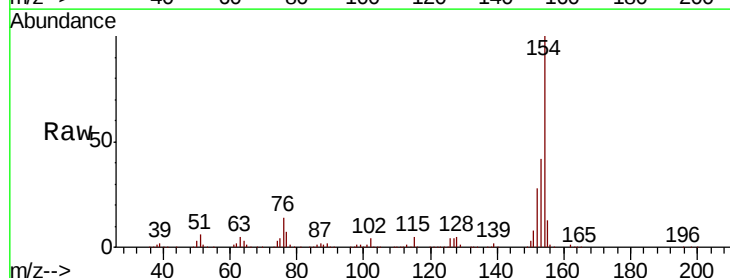


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

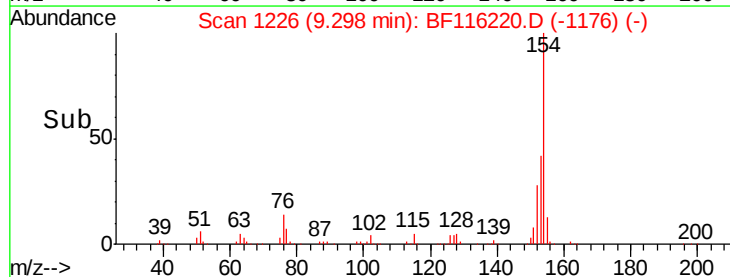
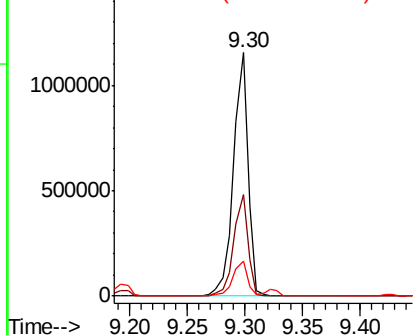


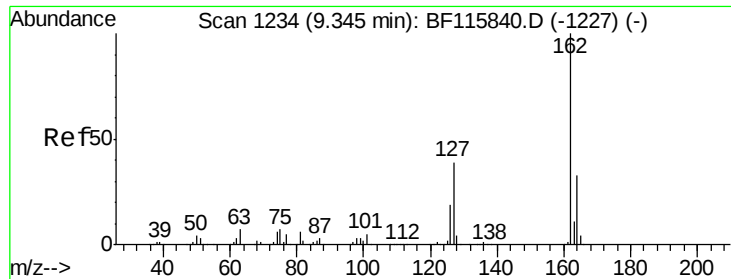
#46
1,1'-Biphenyl
Concen: 40.536 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF116220.D
Acq: 13 Aug 2019 9:56

Tgt Ion:154 Resp: 1015040
Ion Ratio Lower Upper
154 100
153 41.5 21.4 61.4
76 14.1 0.0 35.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

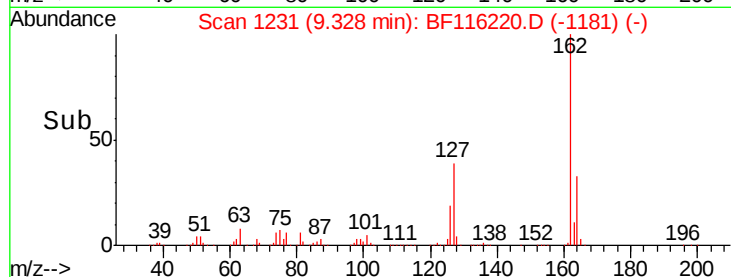
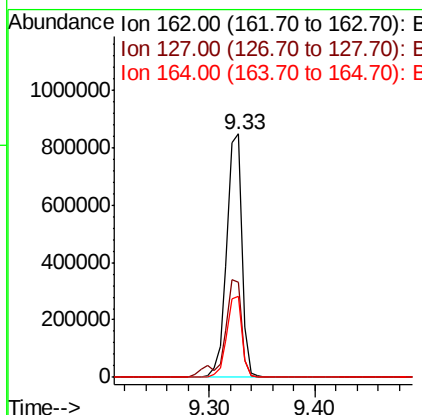
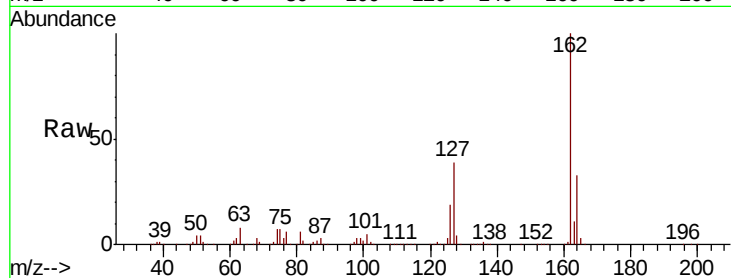




#47
 2-Chloronaphthalene
 Concen: 40.801 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF116220.D
 Acq: 13 Aug 2019 9:56

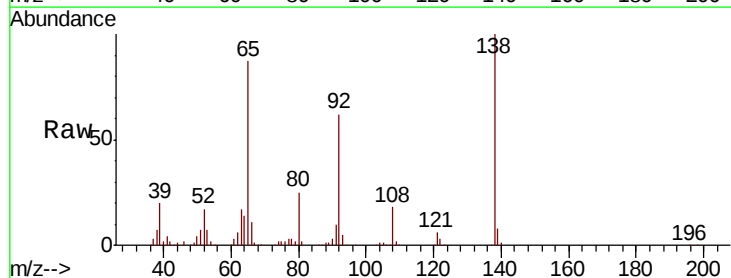
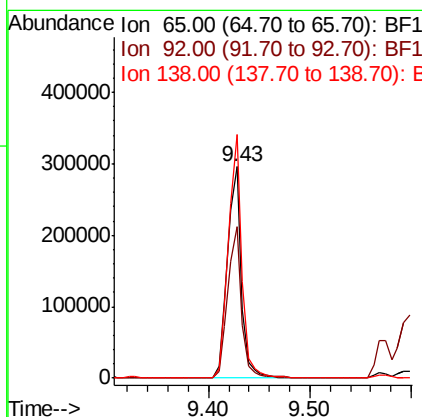
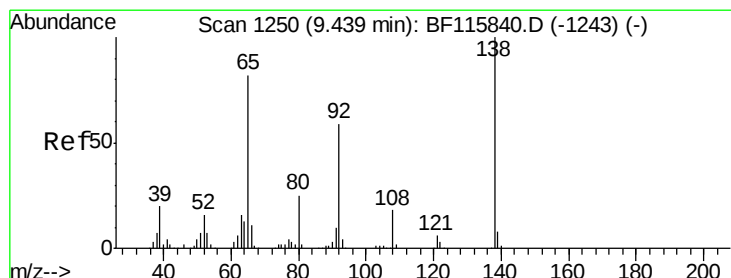
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

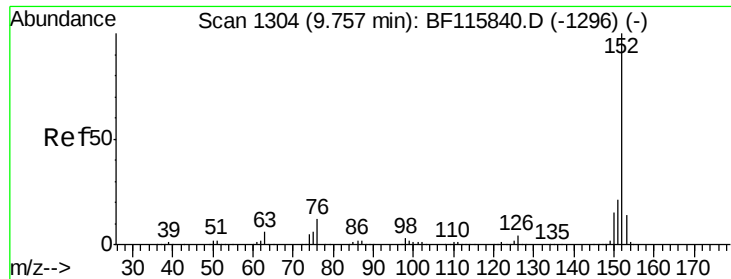
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.9	32.8	49.2
164	33.2	26.6	39.8



#48
 2-Nitroaniline
 Concen: 41.177 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. -0.01 min
 Lab File: BF116220.D
 Acq: 13 Aug 2019 9:56

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.5	57.8	86.8
138	115.2	94.0	141.0





#49

Acenaphthylene

Concen: 40.275 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF116220.D

Acq: 13 Aug 2019 9:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

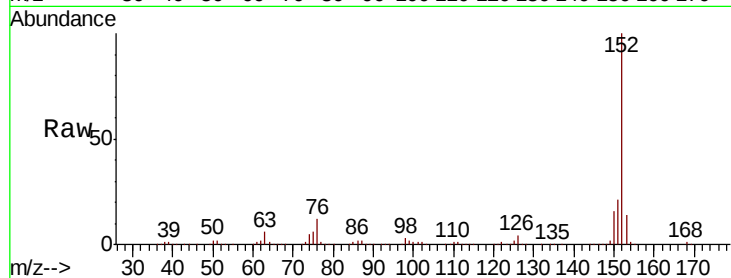
Tot Ion:152 Resp: 1224564

Ion Ratio Lower Upper

152 100

151 20.9 17.2 25.8

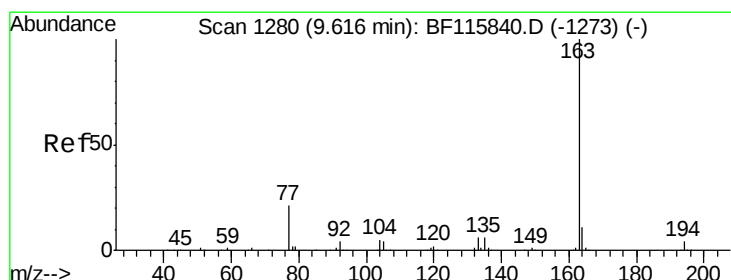
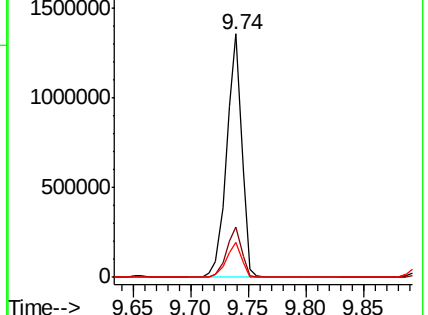
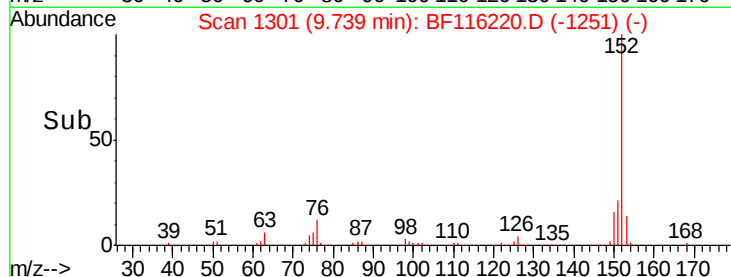
153 14.3 11.8 17.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.709 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF116220.D

Acq: 13 Aug 2019 9:56

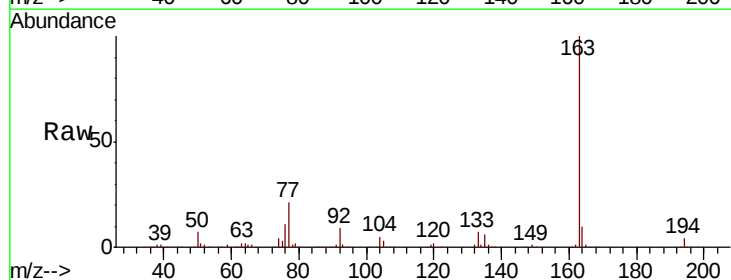
Tgt Ion:163 Resp: 1007264

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

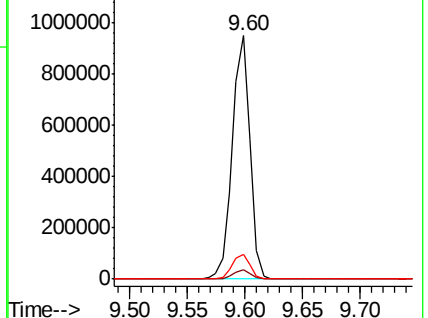
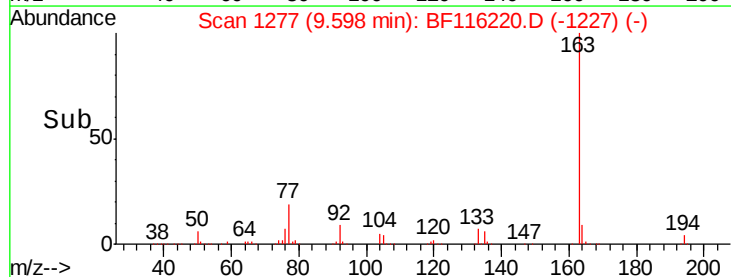
164 10.2 8.4 12.6

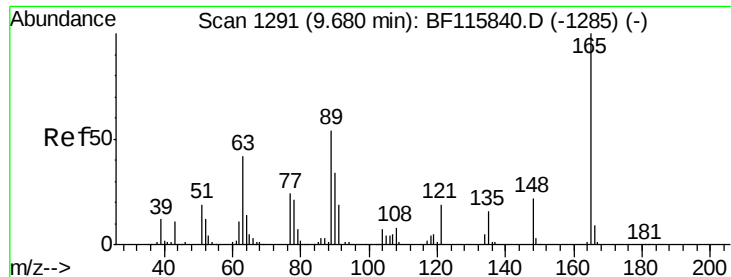


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

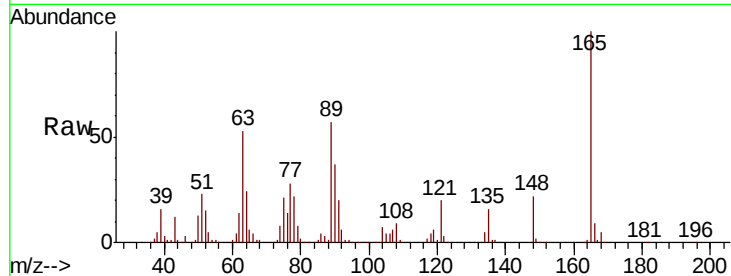




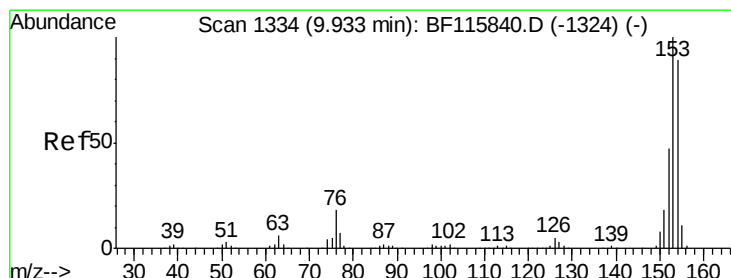
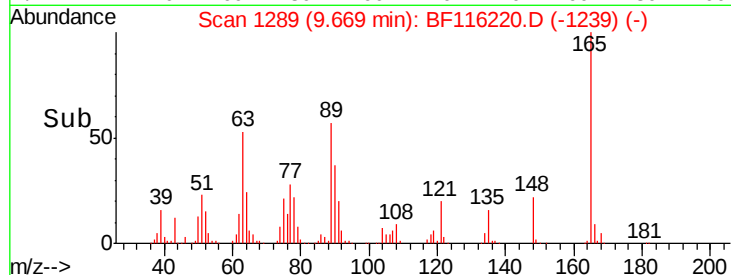
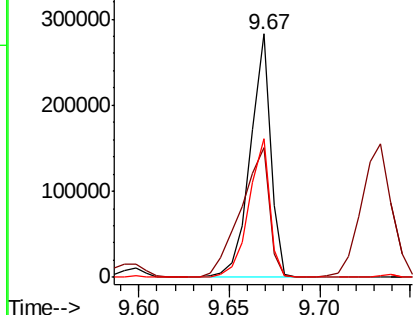
#51
 2,6-Dinitrotoluene
 Concen: 42.104 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. -0.01 min
 Lab File: BF116220.D
 Acq: 13 Aug 2019 9:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:165 Resp: 220972
 Ion Ratio Lower Upper
 165 100
 63 53.2 38.2 57.2
 89 56.9 42.9 64.3

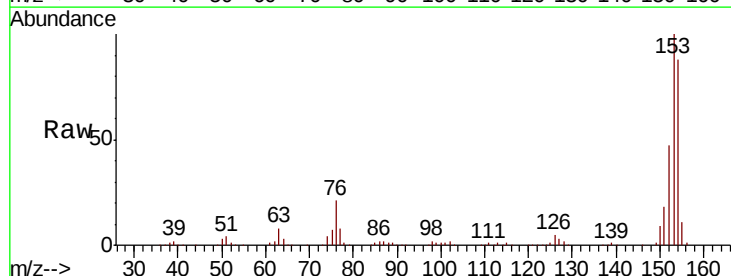


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

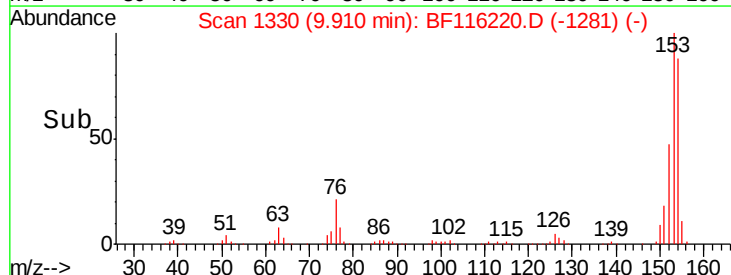
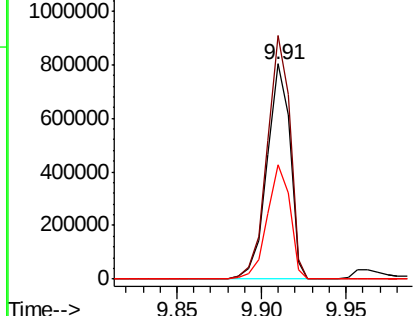


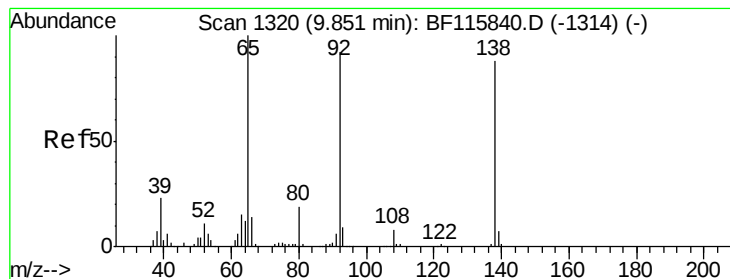
#52
 Acenaphthene
 Concen: 40.641 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF116220.D
 Acq: 13 Aug 2019 9:56

Tgt Ion:154 Resp: 758087
 Ion Ratio Lower Upper
 154 100
 153 113.1 89.4 134.0
 152 53.4 42.3 63.5



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 40.599 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF116220.D

Acq: 13 Aug 2019 9:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

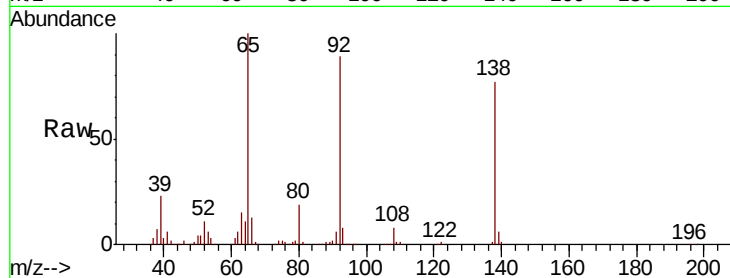
Tot Ion:138 Resp: 263278

Ion Ratio Lower Upper

138 100

108 10.3 8.0 12.0

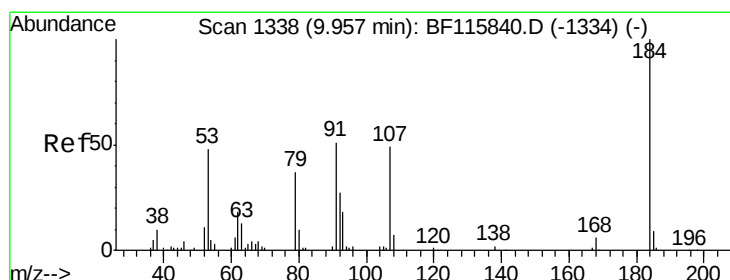
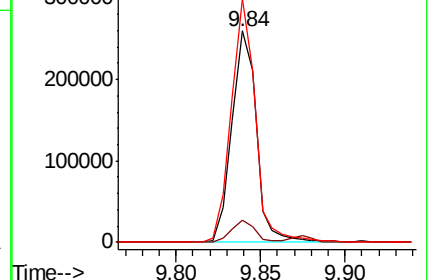
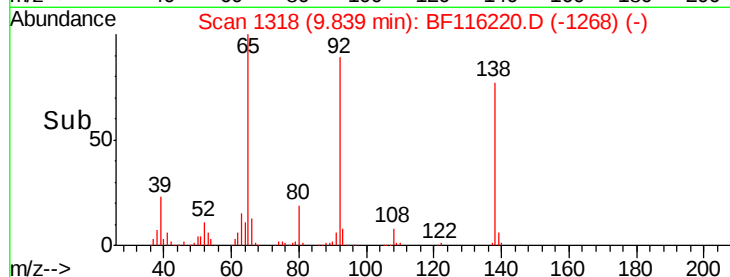
92 115.2 91.0 136.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 37.203 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.01 min

Lab File: BF116220.D

Acq: 13 Aug 2019 9:56

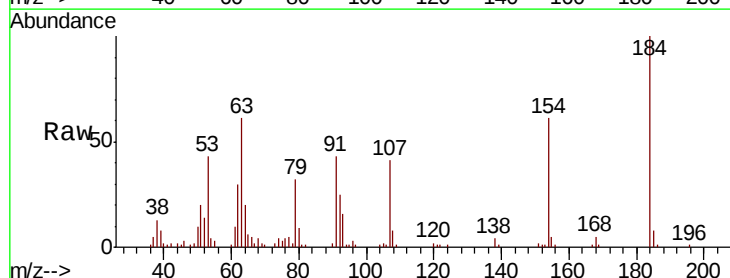
Tgt Ion:184 Resp: 86944

Ion Ratio Lower Upper

184 100

63 61.3 53.0 79.4

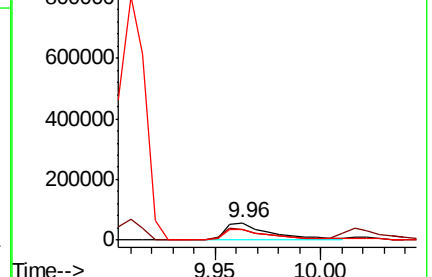
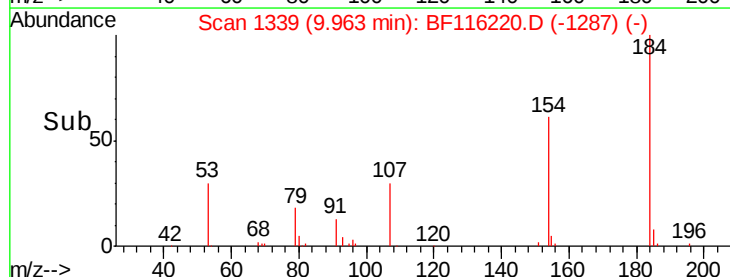
154 61.4 50.1 75.1



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

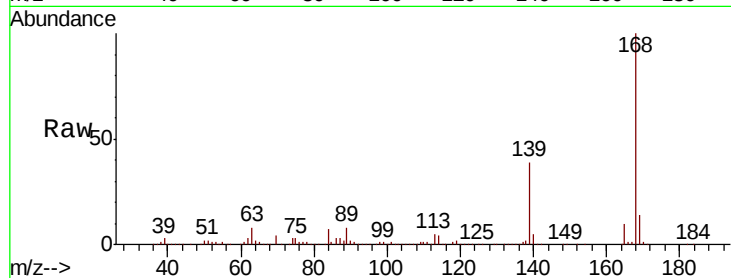




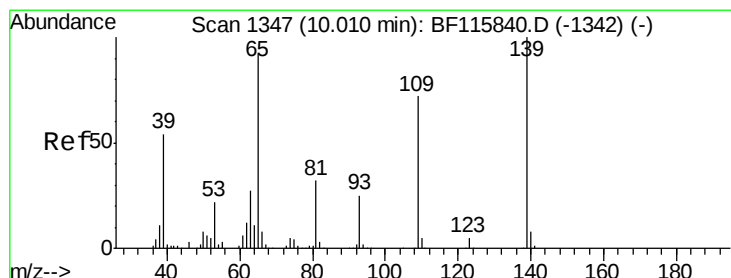
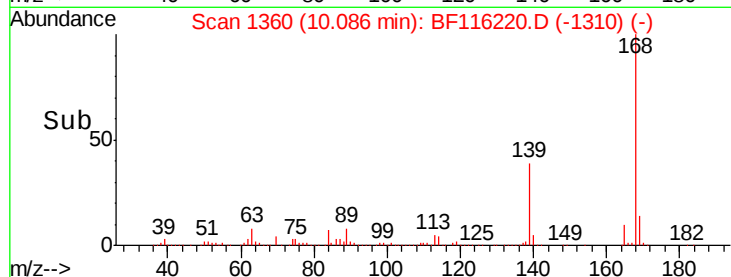
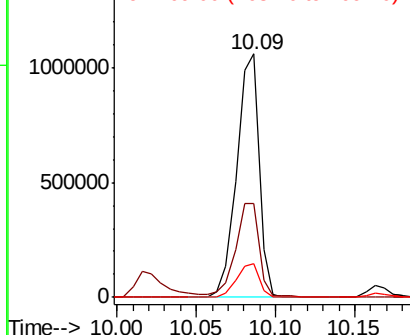
#55
Dibenzenofuran
Concen: 38.421 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF116220.D
Acq: 13 Aug 2019 9:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 1042237
Ion Ratio Lower Upper
168 100
139 38.8 31.4 47.2
169 13.6 10.9 16.3

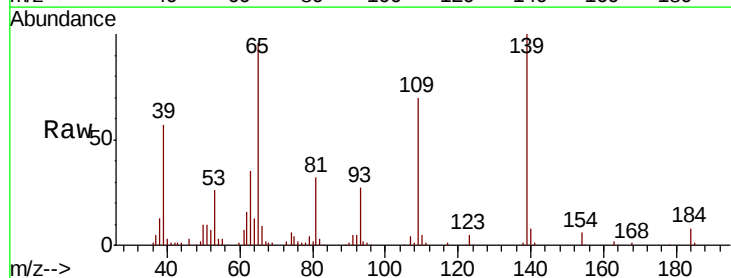


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

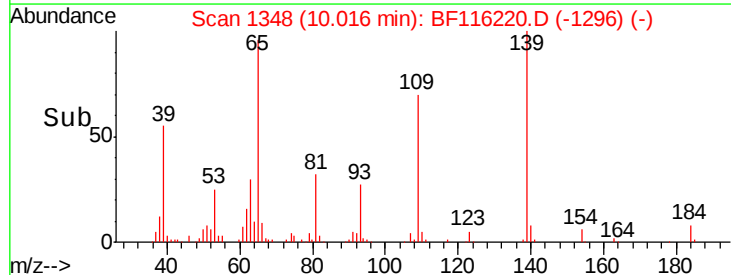
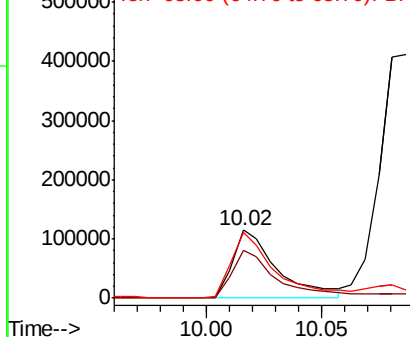


#56
4-Nitrophenol
Concen: 36.953 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF116220.D
Acq: 13 Aug 2019 9:56

Tgt Ion:139 Resp: 153508
Ion Ratio Lower Upper
139 100
109 70.2 54.4 94.4
65 96.0 80.6 120.6



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

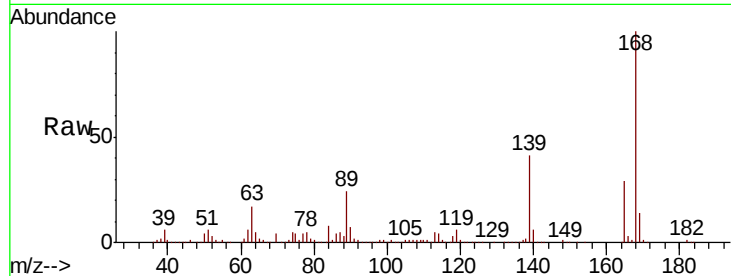




#57
2,4-Dinitrotoluene
Concen: 37.772 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.00 min
Lab File: BF116220.D
Acq: 13 Aug 2019 9:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	59.5	39.6	59.4
89	82.9	62.2	93.2
182	2.6	2.1	3.1



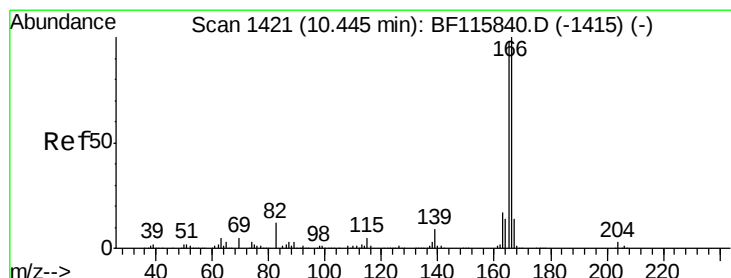
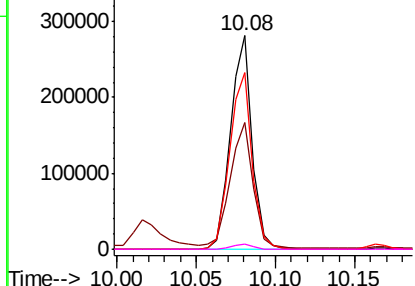
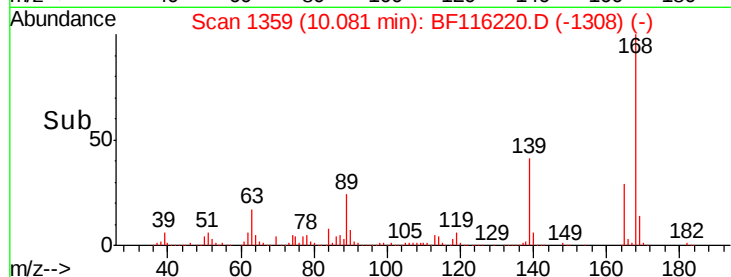
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

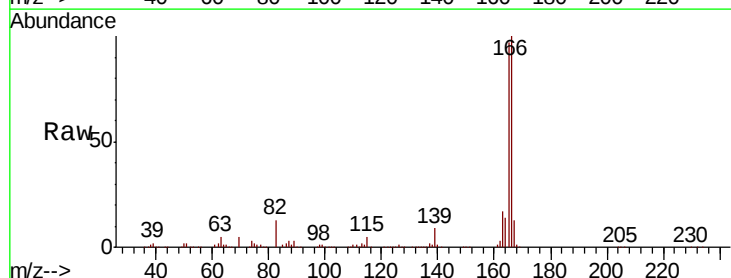
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 41.697 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF116220.D
Acq: 13 Aug 2019 9:56

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.0	78.4	117.6
167	13.3	11.0	16.4

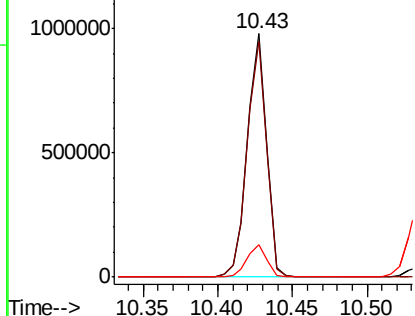
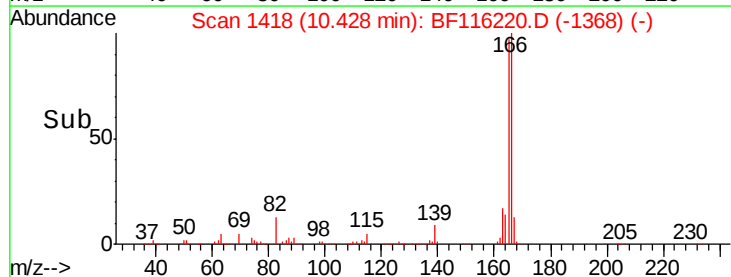


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

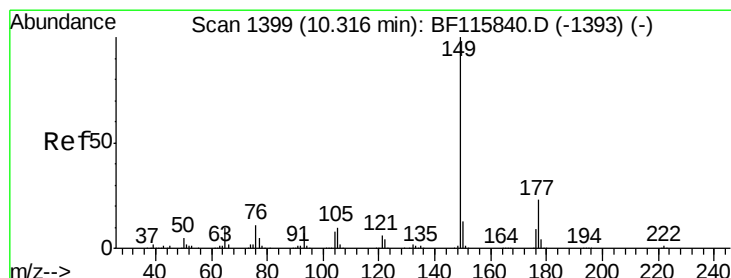
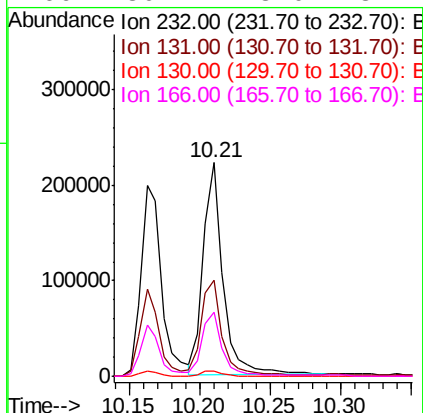
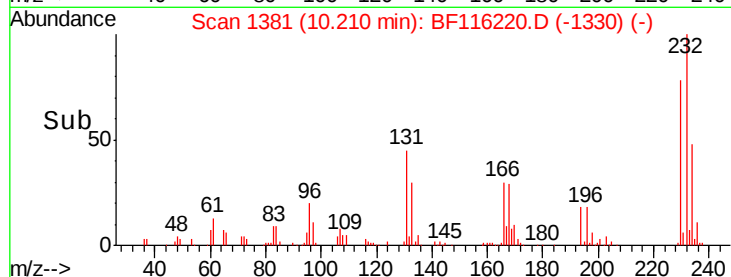
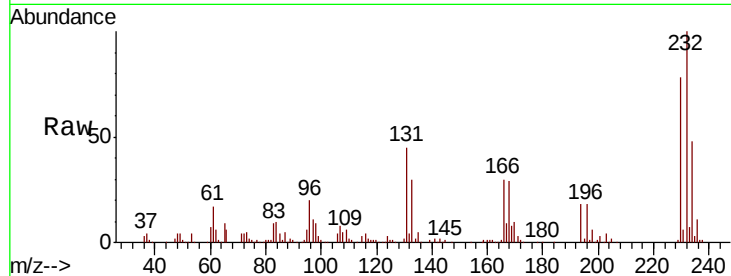




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.547 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: BF116220.D
 Acq: 13 Aug 2019 9:56

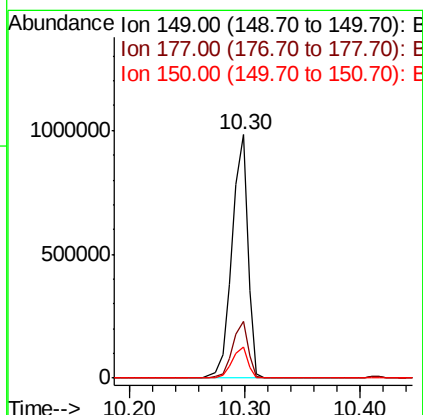
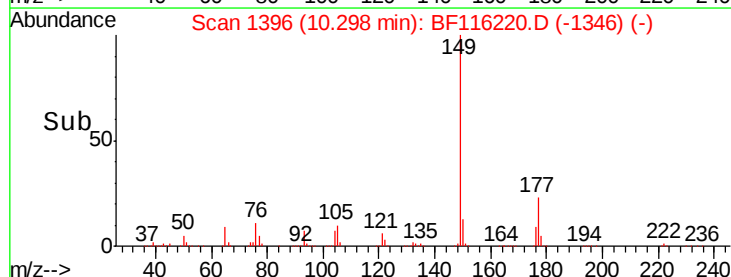
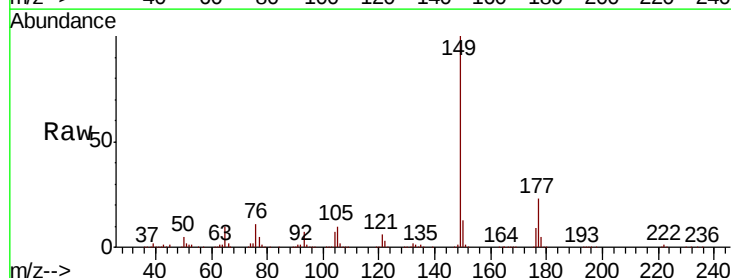
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	232	Resp:	218792
Ion	Ratio	Lower	Upper
232	100		
131	47.3	36.2	54.2
130	2.4	1.9	2.9
166	30.1	23.0	34.4



#60
 Diethylphthalate
 Concen: 41.596 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF116220.D
 Acq: 13 Aug 2019 9:56

Tgt Ion:	149	Resp:	937868
Ion	Ratio	Lower	Upper
149	100		
177	23.4	18.8	28.2
150	13.0	10.2	15.4

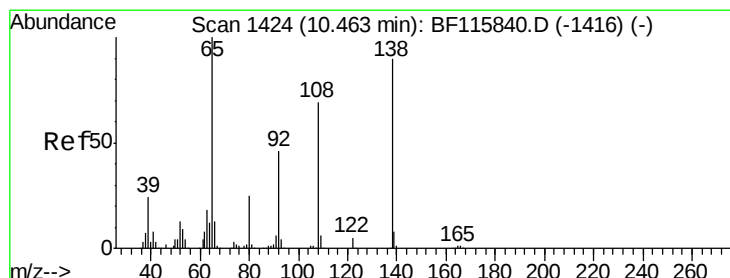
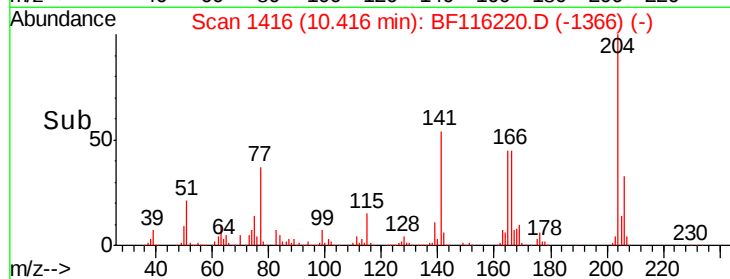
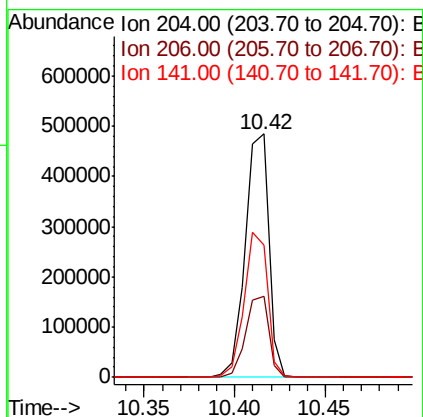
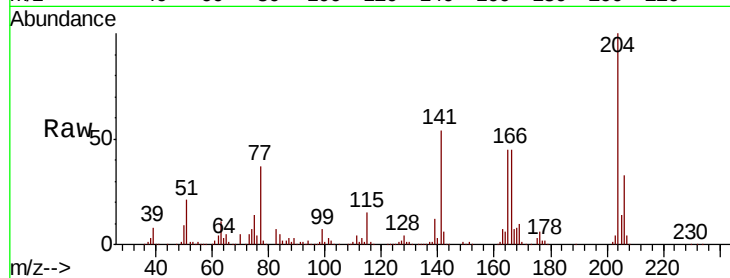




#61
4-Chlorophenyl-phenylether
Concen: 41.647 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF116220.D
Acq: 13 Aug 2019 9:56

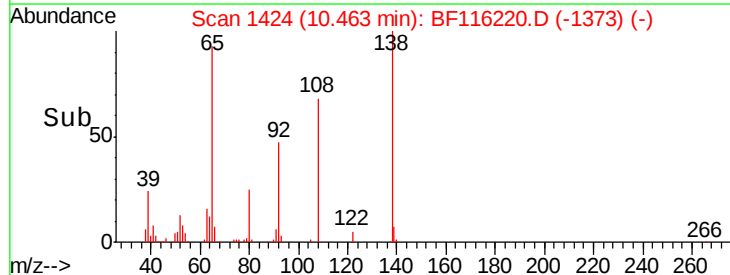
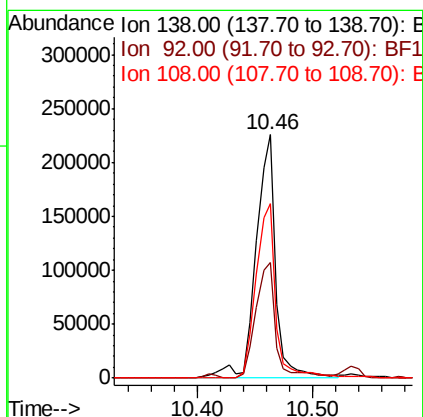
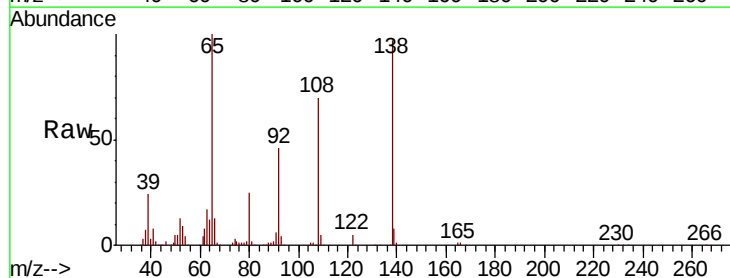
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

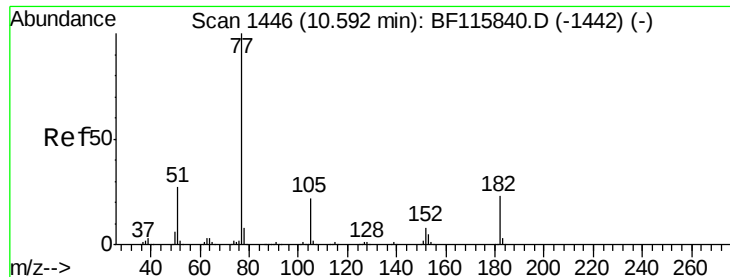
Tot Ion:204 Resp: 440199
Ion Ratio Lower Upper
204 100
206 33.2 26.4 39.6
141 54.1 46.4 69.6



#62
4-Nitroaniline
Concen: 40.477 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF116220.D
Acq: 13 Aug 2019 9:56

Tgt Ion:138 Resp: 271261
Ion Ratio Lower Upper
138 100
92 47.3 29.0 69.0
108 71.9 54.7 94.7

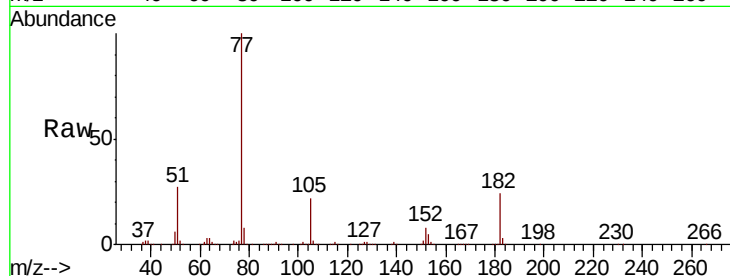




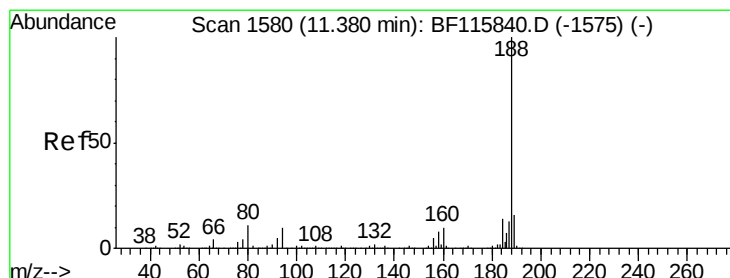
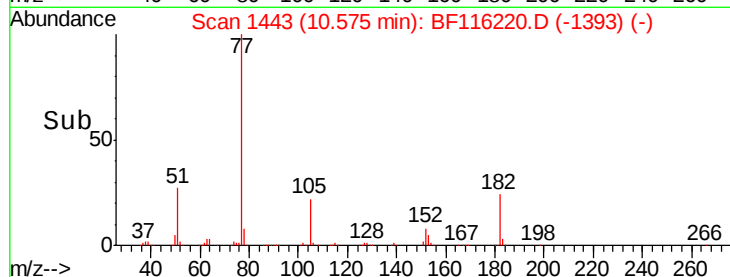
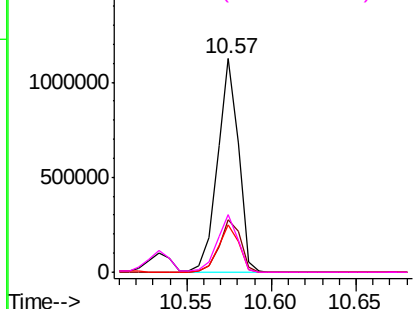
#63
Azobenzene
Concen: 41.833 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF116220.D
Acq: 13 Aug 2019 9:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	77	Resp:	970156
Ion	Ratio	Lower	Upper
77	100		
182	24.3	4.0	44.0
105	22.4	2.0	42.0
51	27.1	7.5	47.5

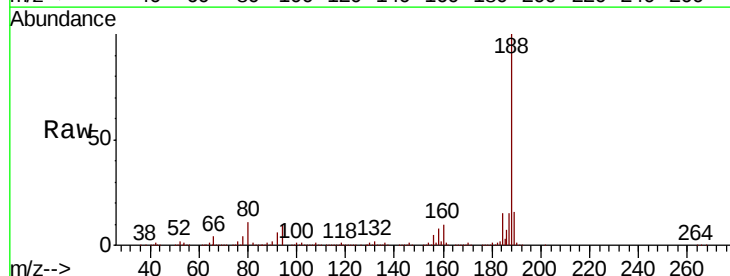


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

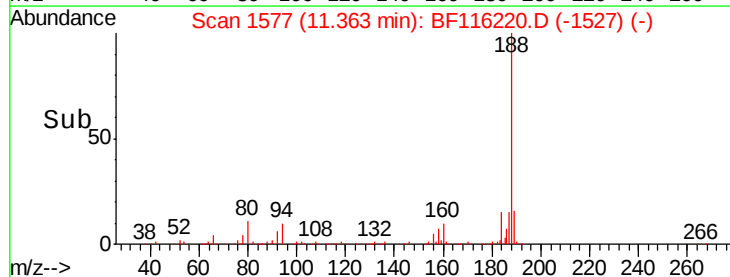
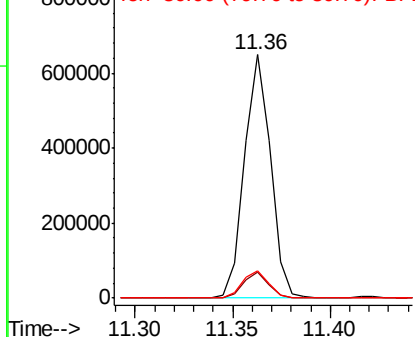


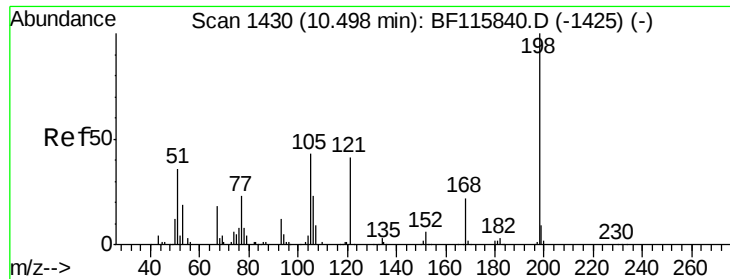
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116220.D
Acq: 13 Aug 2019 9:56

Tgt Ion:	188	Resp:	602683
Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.1	12.1
80	11.1	8.7	13.1



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

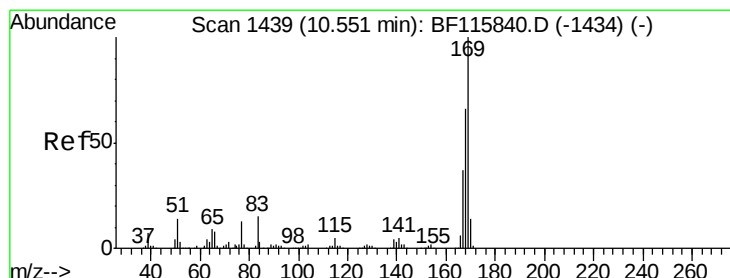
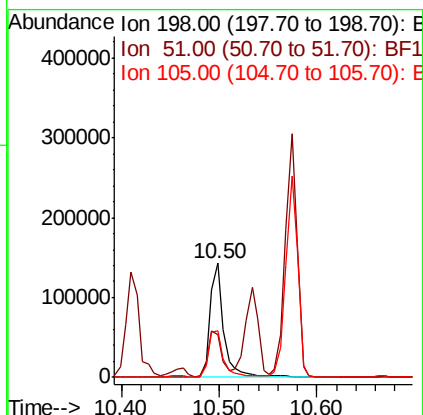
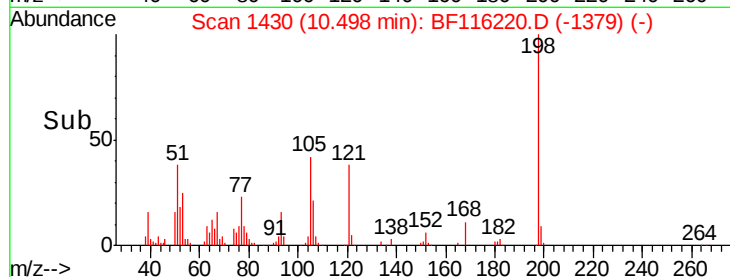
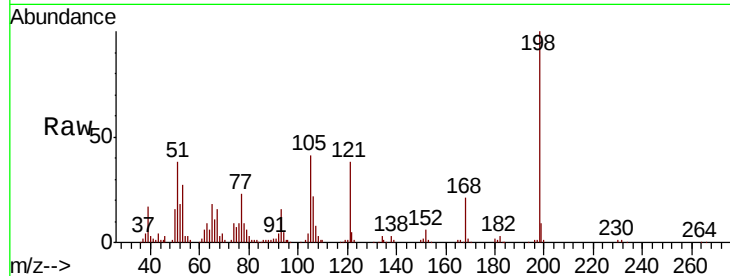




#65
4,6-Dinitro-2-methylphenol
Concen: 43.951 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BF116220.D
Acq: 13 Aug 2019 9:56

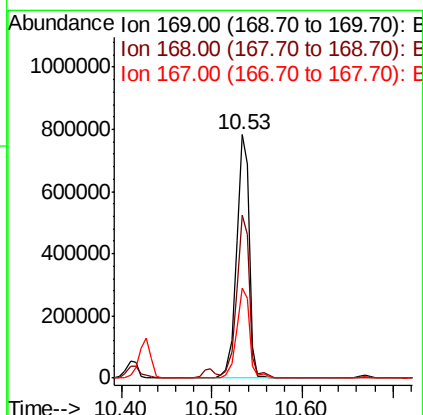
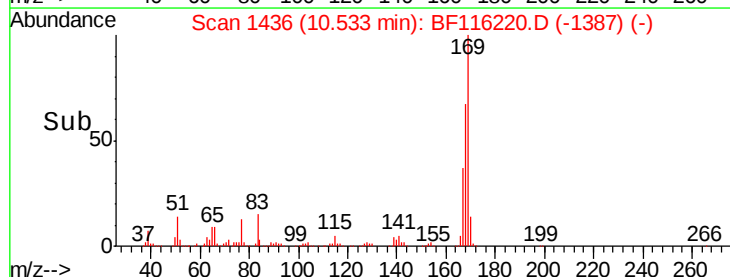
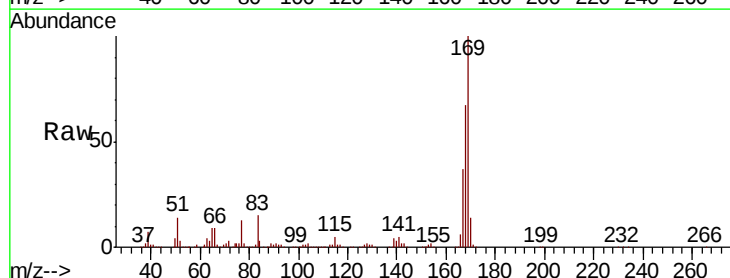
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

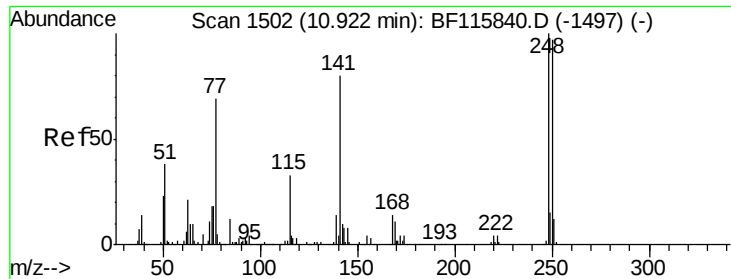
Tot Ion:198 Resp: 140373
Ion Ratio Lower Upper
198 100
51 37.7 17.0 57.0
105 41.0 21.6 61.6



#66
n-Nitrosodiphenylamine
Concen: 42.728 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF116220.D
Acq: 13 Aug 2019 9:56

Tgt Ion:169 Resp: 775084
Ion Ratio Lower Upper
169 100
168 67.0 53.8 80.6
167 37.0 29.6 44.4

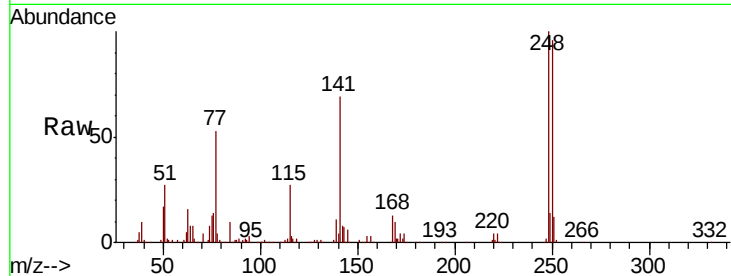




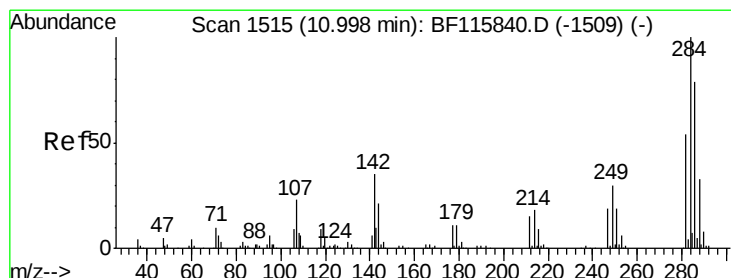
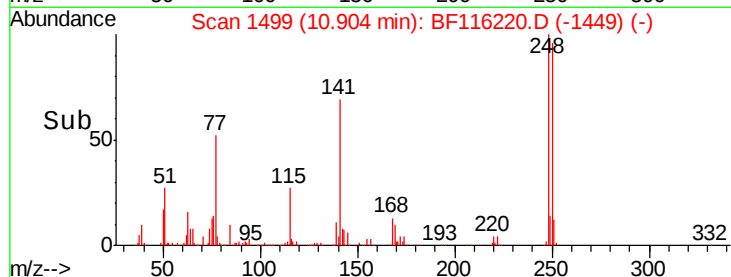
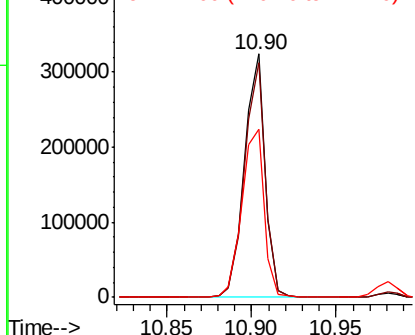
#67
4-Bromophenyl-phenylether
Concen: 43.263 ng
RT: 10.90 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BF116220.D
Acq: 13 Aug 2019 9:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:248 Resp: 279120
Ion Ratio Lower Upper
248 100
250 96.3 77.4 116.2
141 69.2 56.8 85.2

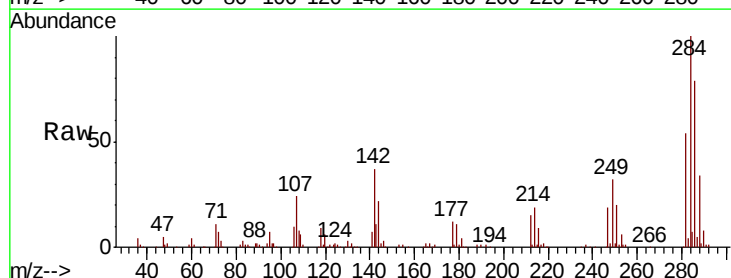


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

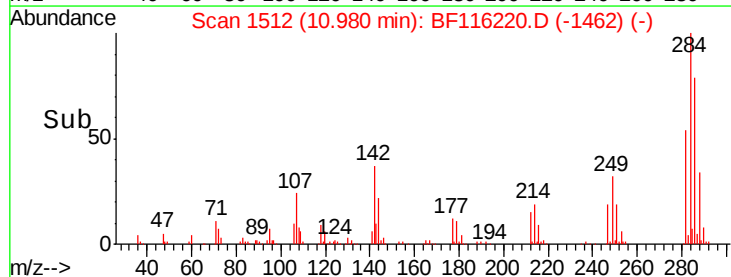
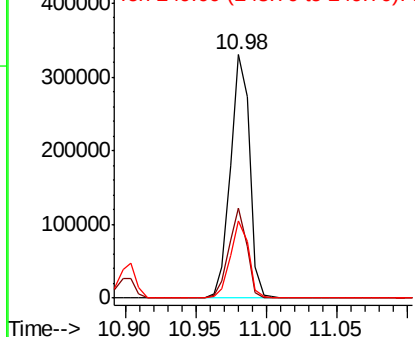


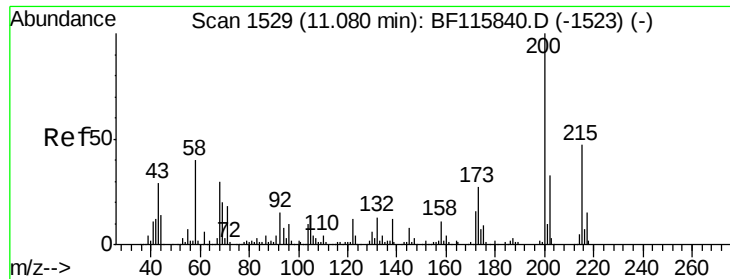
#68
Hexachlorobenzene
Concen: 41.782 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BF116220.D
Acq: 13 Aug 2019 9:56

Tgt Ion:284 Resp: 311707
Ion Ratio Lower Upper
284 100
142 37.2 28.4 42.6
249 31.5 24.5 36.7



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 36.227 ng

RT: 11.06 min Scan# 1526

Delta R.T. -0.01 min

Lab File: BF116220.D

Acq: 13 Aug 2019 9:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

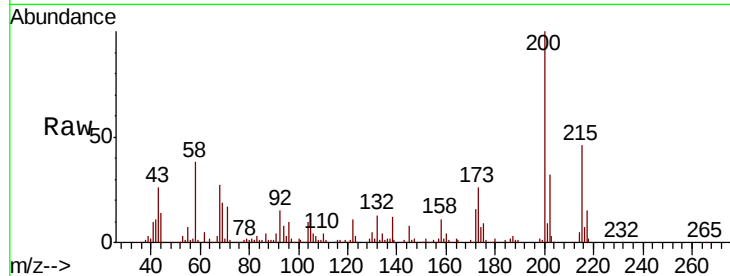
Tot Ion:200 Resp: 216196

Ion Ratio Lower Upper

200 100

173 25.7 6.8 46.8

215 46.3 27.5 67.5

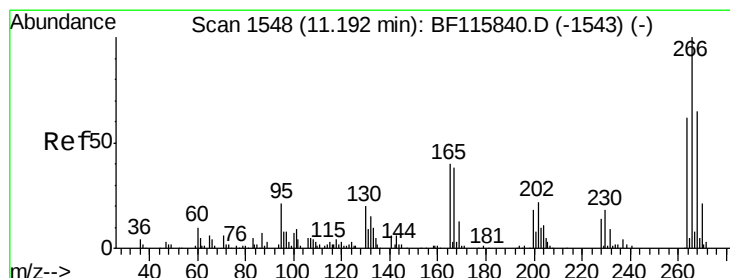
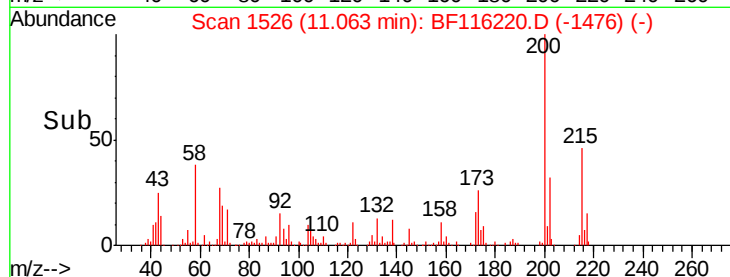
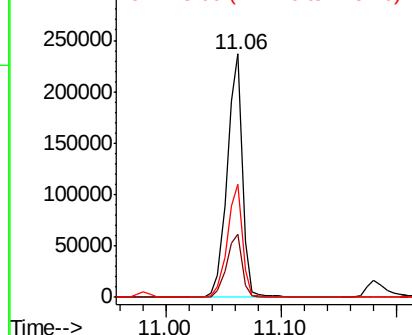


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 35.136 ng

RT: 11.18 min Scan# 1546

Delta R.T. 0.00 min

Lab File: BF116220.D

Acq: 13 Aug 2019 9:56

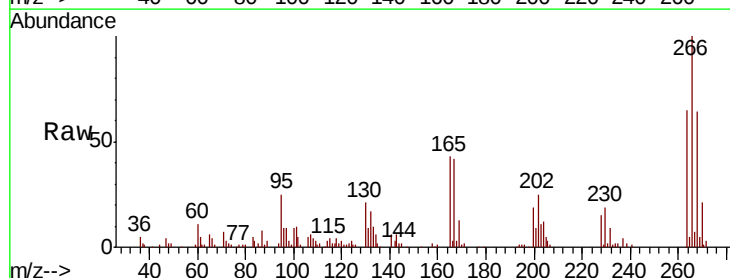
Tgt Ion:266 Resp: 127262

Ion Ratio Lower Upper

266 100

268 63.6 48.8 73.2

264 65.1 50.6 76.0

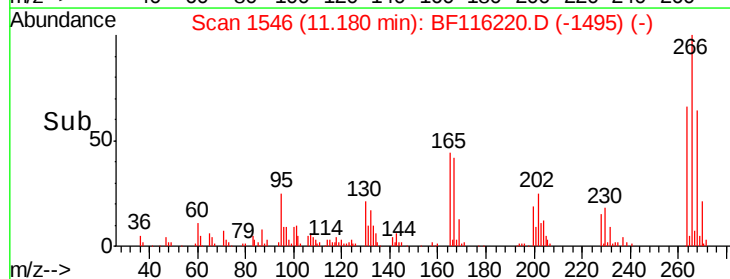
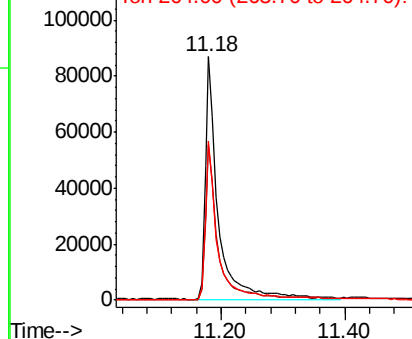


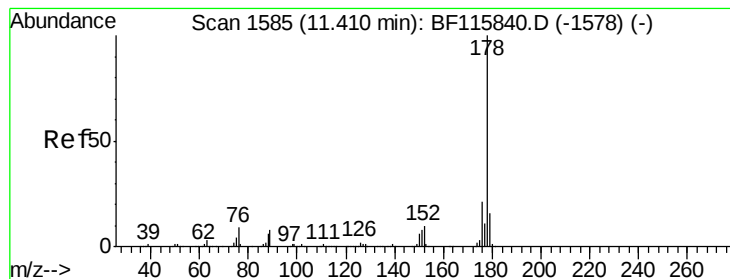
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.937 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BF116220.D

Acq: 13 Aug 2019 9:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

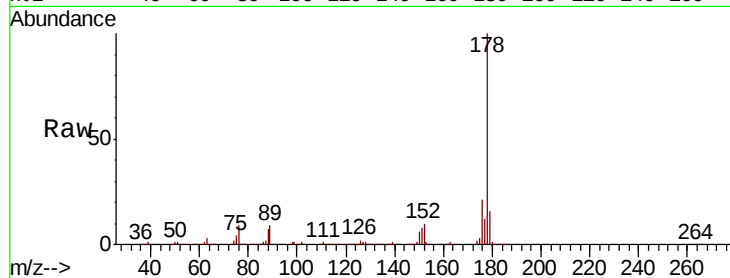
Tot Ion:178 Resp: 1261294

Ion Ratio Lower Upper

178 100

176 20.9 16.6 24.8

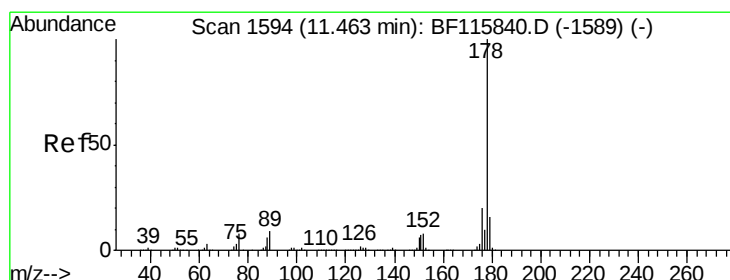
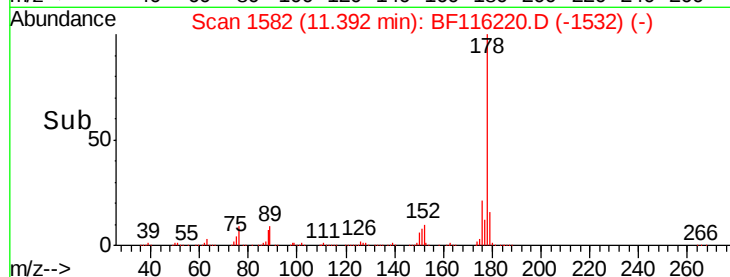
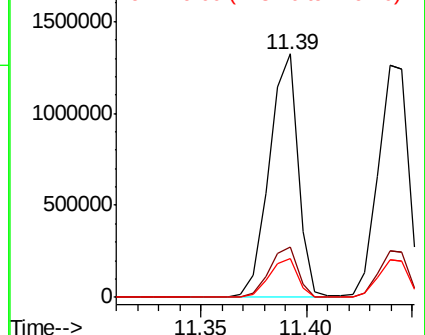
179 15.9 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.622 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF116220.D

Acq: 13 Aug 2019 9:56

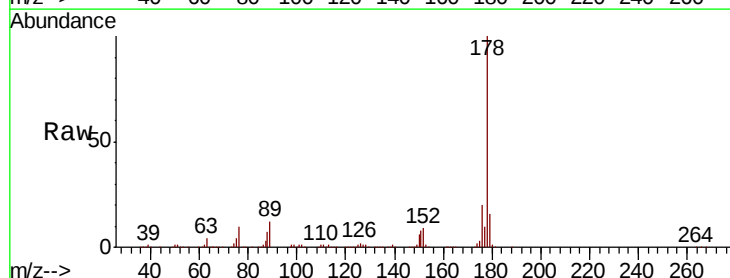
Tgt Ion:178 Resp: 1297846

Ion Ratio Lower Upper

178 100

176 20.0 15.7 23.5

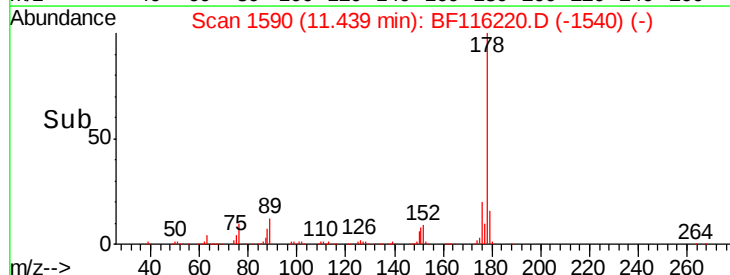
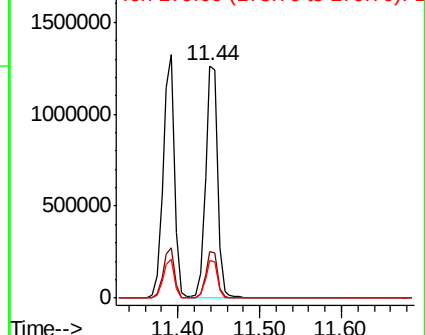
179 16.1 13.0 19.6

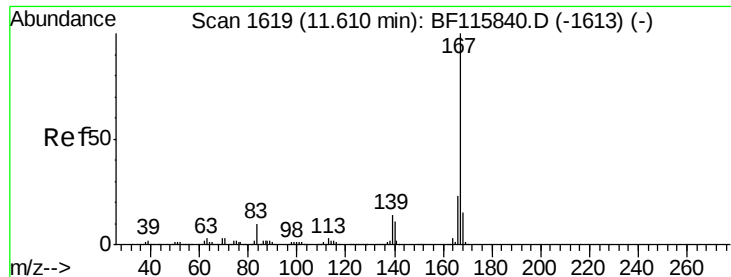


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

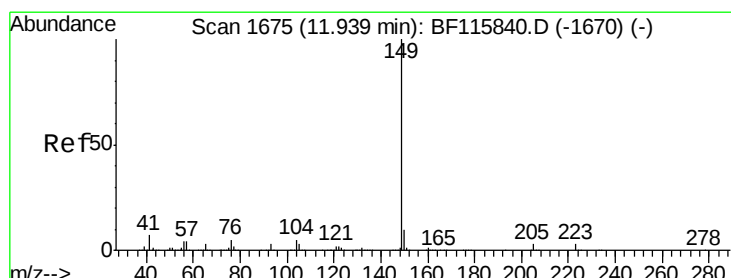
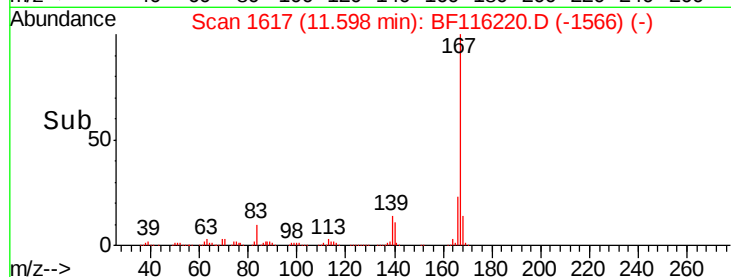
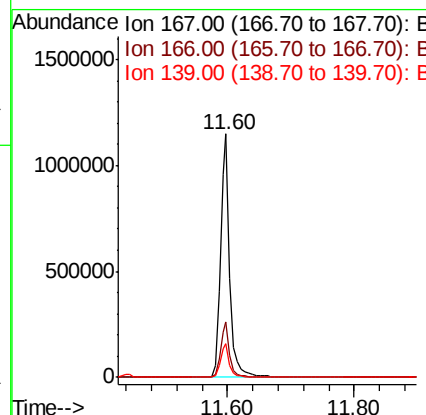
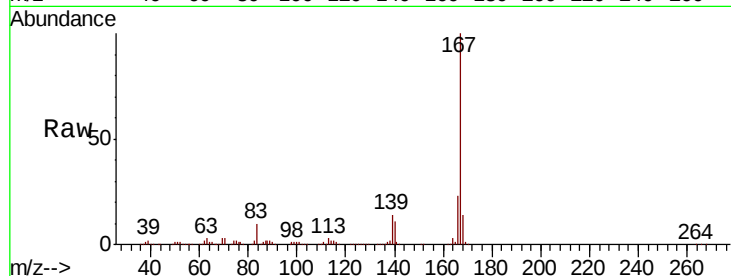




#73
 Carbazole
 Concen: 42.606 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. 0.00 min
 Lab File: BF116220.D
 Acq: 13 Aug 2019 9:56

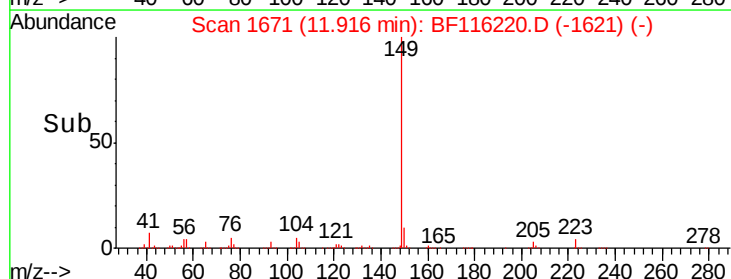
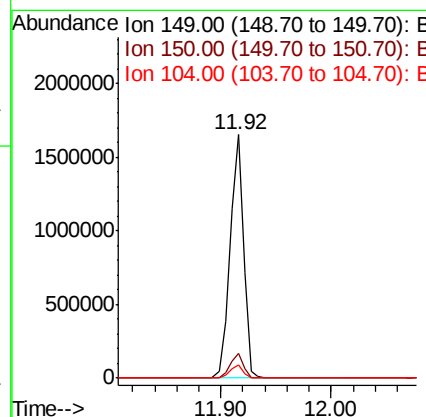
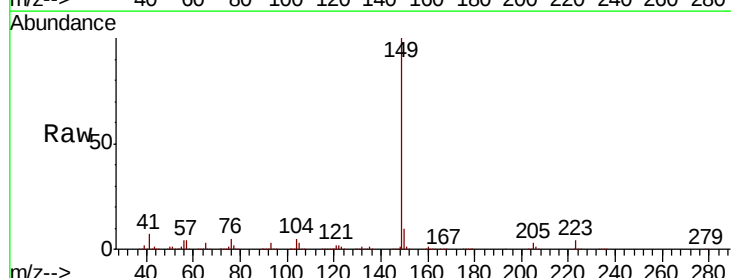
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:167 Resp: 1205301
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.8 26.6
 139 14.0 11.4 17.0



#74
 Di-n-butylphthalate
 Concen: 43.133 ng
 RT: 11.92 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BF116220.D
 Acq: 13 Aug 2019 9:56

Tgt Ion:149 Resp: 1423419
 Ion Ratio Lower Upper
 149 100
 150 9.9 8.0 12.0
 104 5.4 4.5 6.7



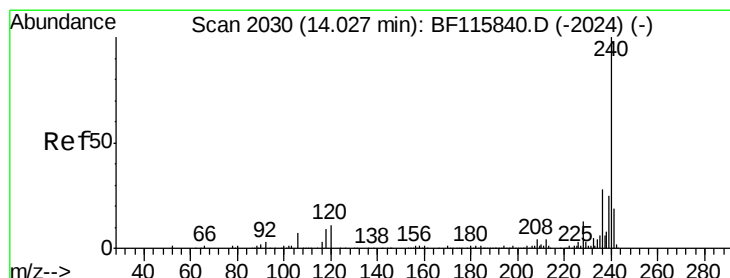
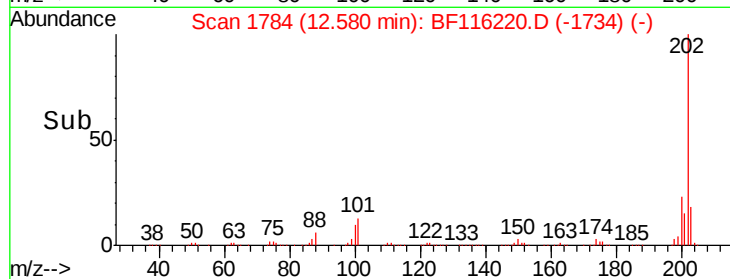
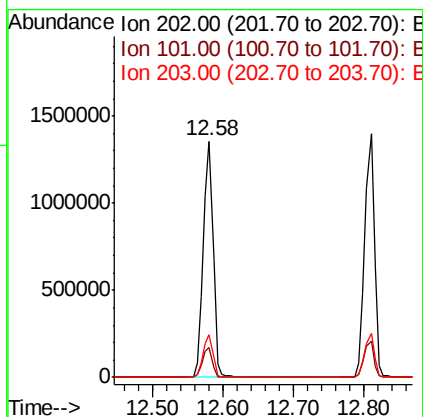
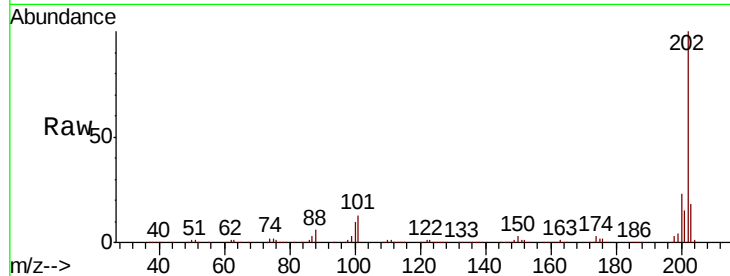


#75
 Fluoranthene
 Concen: 41.214 ng
 RT: 12.58 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: BF116220.D
 Acq: 13 Aug 2019 9:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:202 Resp: 1329379

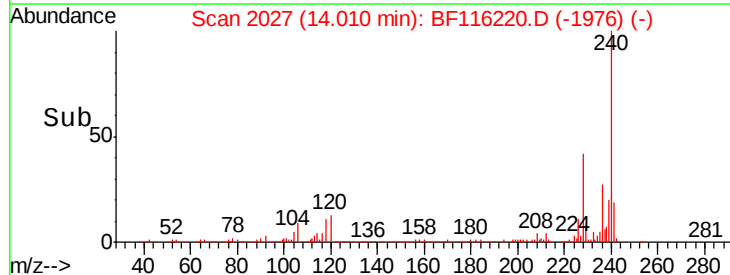
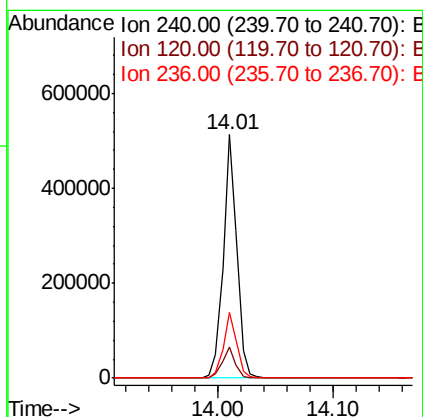
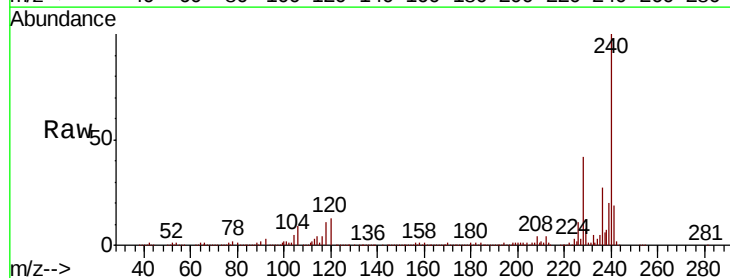
Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	31.2
203	18.3	0.0	37.8



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.00 min
 Lab File: BF116220.D
 Acq: 13 Aug 2019 9:56

Tgt Ion:240 Resp: 420401

Ion	Ratio	Lower	Upper
240	100		
120	12.6	10.7	16.1
236	27.1	22.2	33.2





#77

Benzidine

Concen: 44.690 ng

RT: 12.70 min Scan# 1804

Delta R.T. 0.00 min

Lab File: BF116220.D

Acq: 13 Aug 2019 9:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

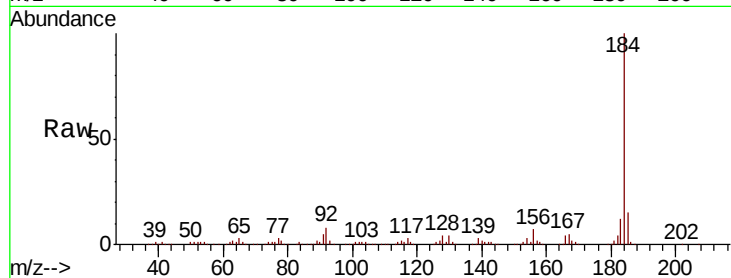
Tot Ion:184 Resp: 634734

Ion Ratio Lower Upper

184 100

185 15.1 12.8 19.2

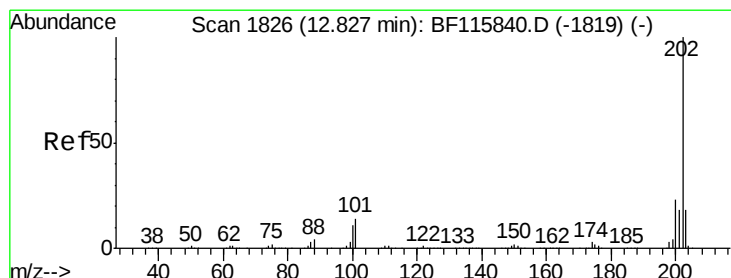
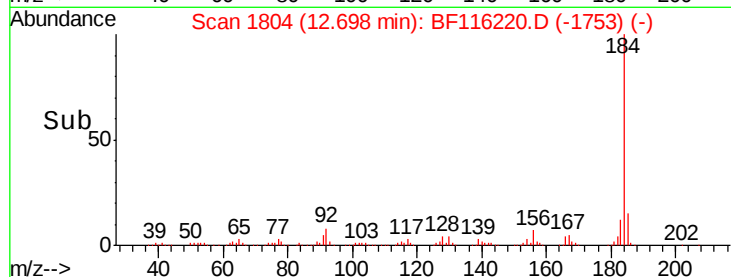
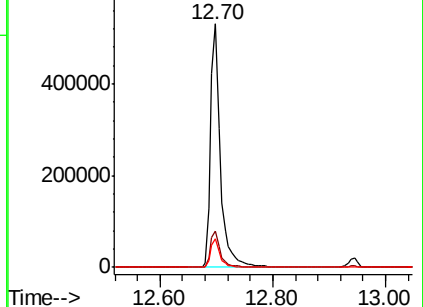
183 11.8 9.4 14.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.282 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF116220.D

Acq: 13 Aug 2019 9:56

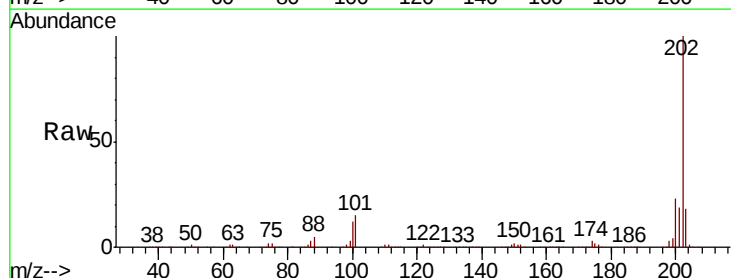
Tgt Ion:202 Resp: 1339932

Ion Ratio Lower Upper

202 100

200 22.8 18.0 27.0

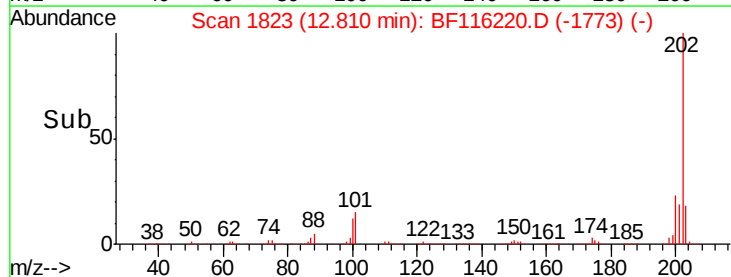
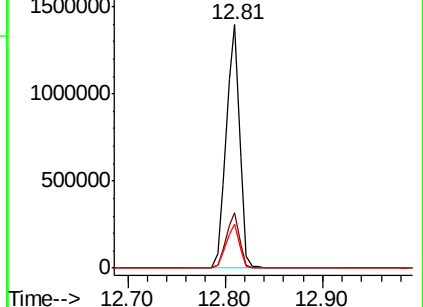
203 18.0 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



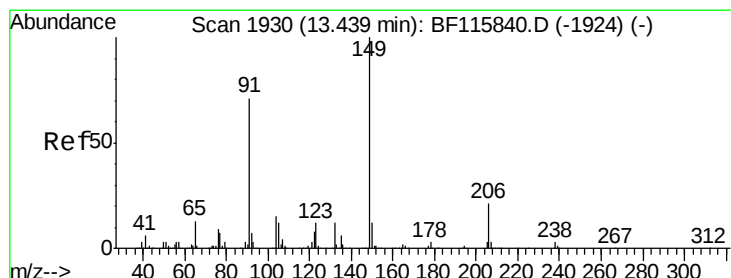
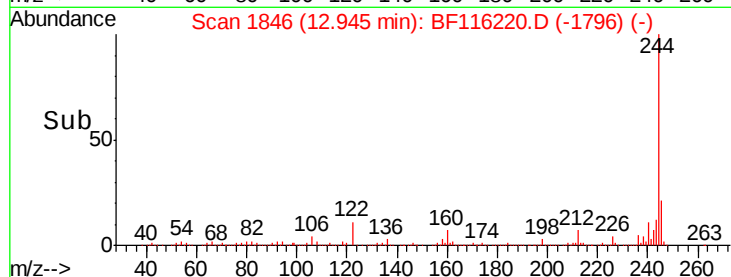
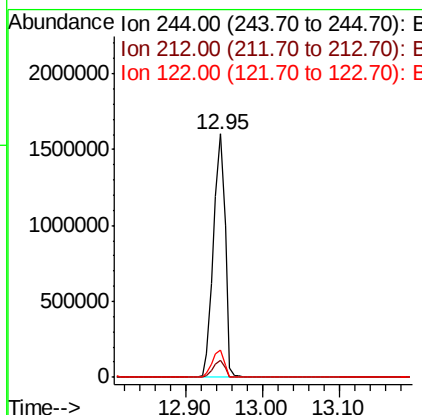
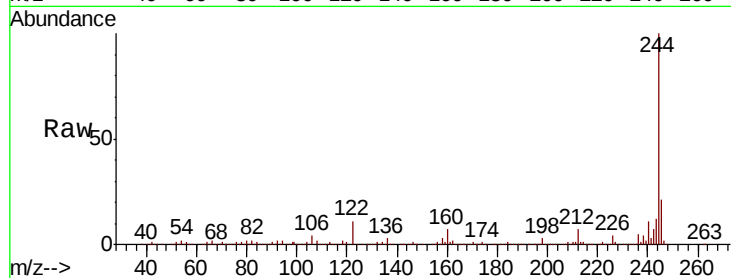


#79
 Terphenyl-d14
 Concen: 83.052 ng
 RT: 12.95 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF116220.D
 Acq: 13 Aug 2019 9:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:244 Resp: 1656982

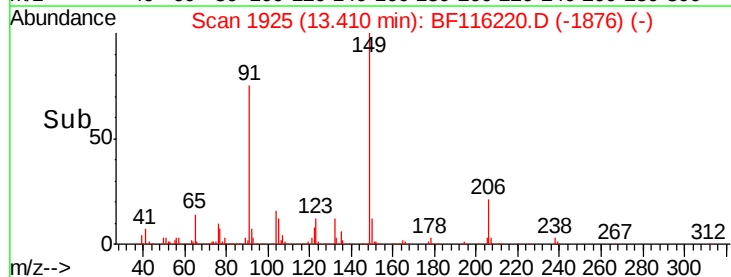
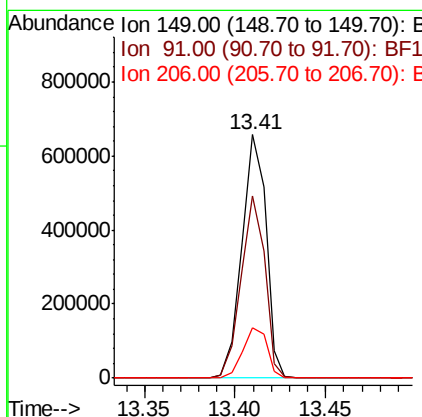
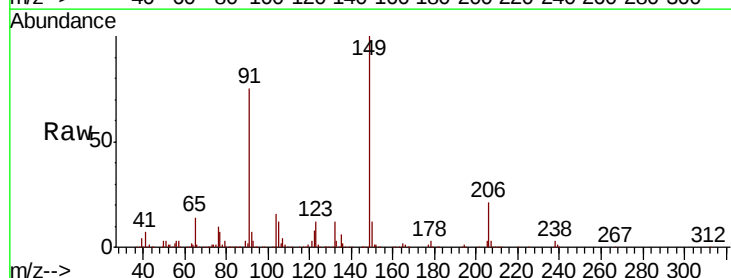
Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	11.1	9.0	13.4



#80
 Butylbenzylphthalate
 Concen: 45.599 ng
 RT: 13.41 min Scan# 1925
 Delta R.T. -0.01 min
 Lab File: BF116220.D
 Acq: 13 Aug 2019 9:56

Tgt Ion:149 Resp: 611259

Ion	Ratio	Lower	Upper
149	100		
91	74.7	56.3	84.5
206	20.9	18.0	27.0





#81

Benzo(a)anthracene

Concen: 42.931 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF116220.D

Acq: 13 Aug 2019 9:56

Instrument :

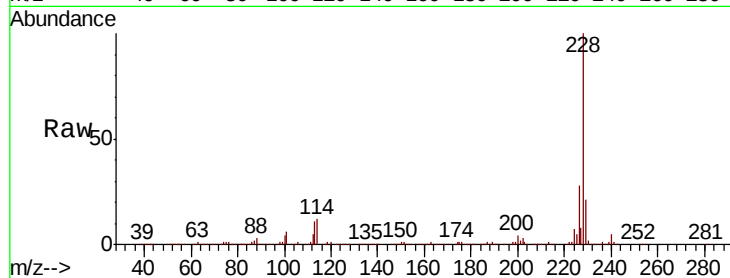
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1153587

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.7	34.1
229	20.5	16.2	24.4

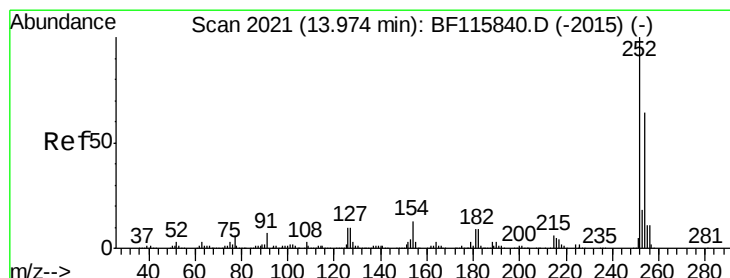
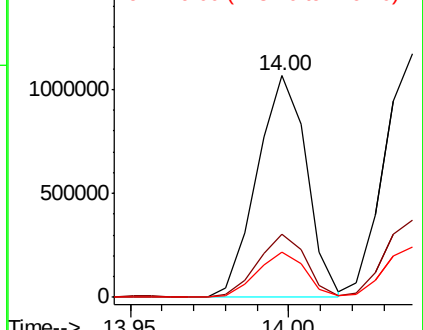
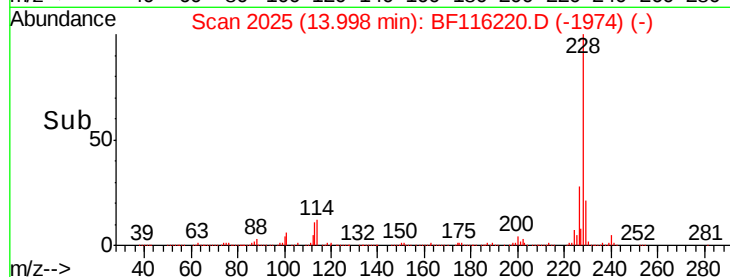


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 42.996 ng

RT: 13.96 min Scan# 2018

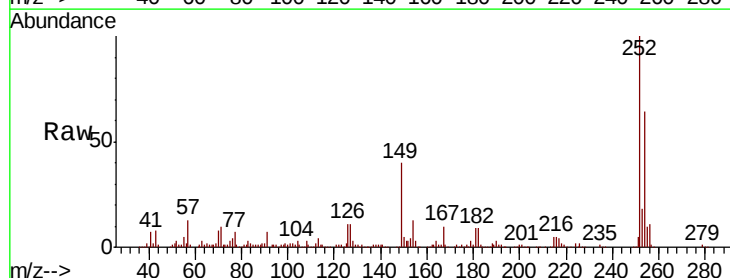
Delta R.T. 0.00 min

Lab File: BF116220.D

Acq: 13 Aug 2019 9:56

Tgt Ion:252 Resp: 401382

Ion	Ratio	Lower	Upper
252	100		
254	63.9	50.9	76.3
126	10.7	9.8	14.8

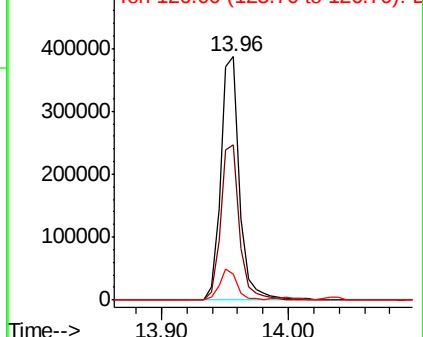
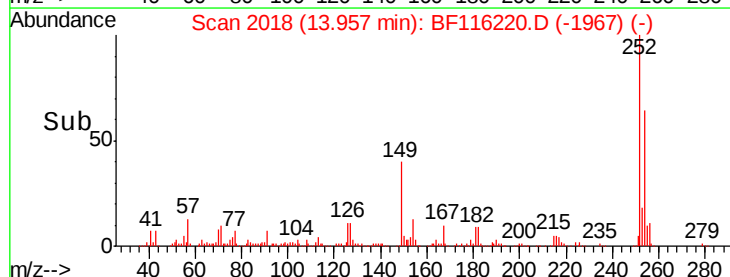


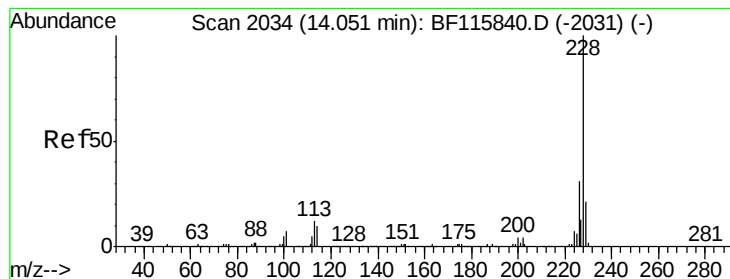
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.844 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.00 min

Lab File: BF116220.D

Acq: 13 Aug 2019 9:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

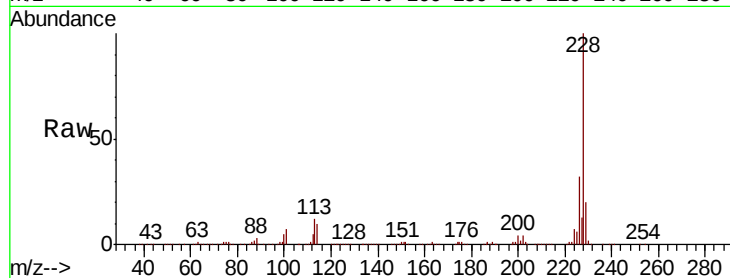
Tot Ion:228 Resp: 1091598

Ion Ratio Lower Upper

228 100

226 31.7 25.5 38.3

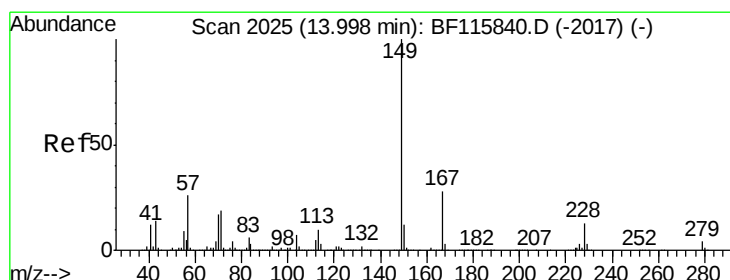
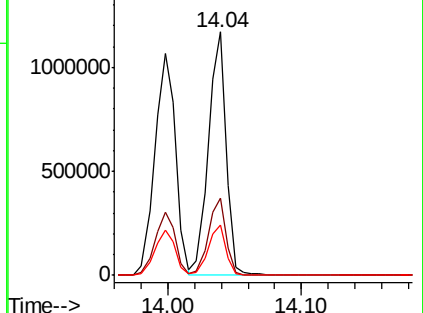
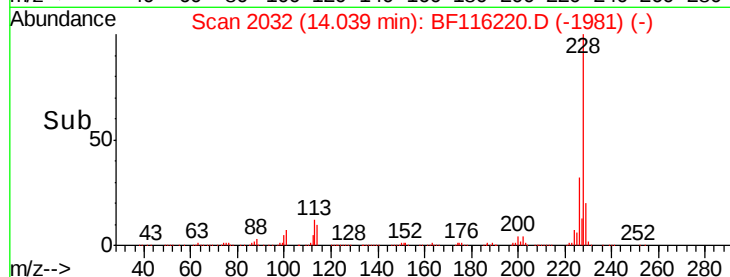
229 20.4 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.049 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF116220.D

Acq: 13 Aug 2019 9:56

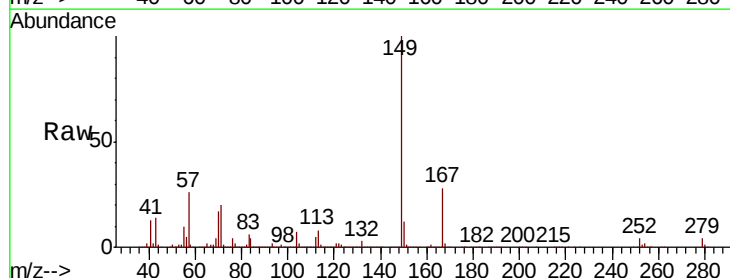
Tgt Ion:149 Resp: 819590

Ion Ratio Lower Upper

149 100

167 28.1 21.6 32.4

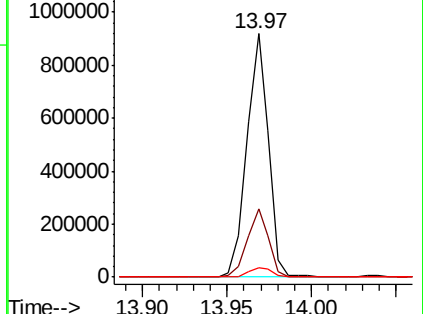
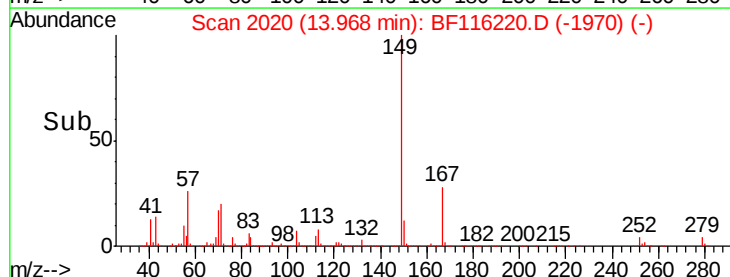
279 4.1 3.0 4.4

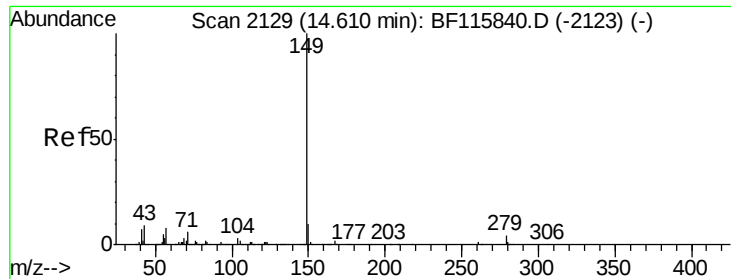


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

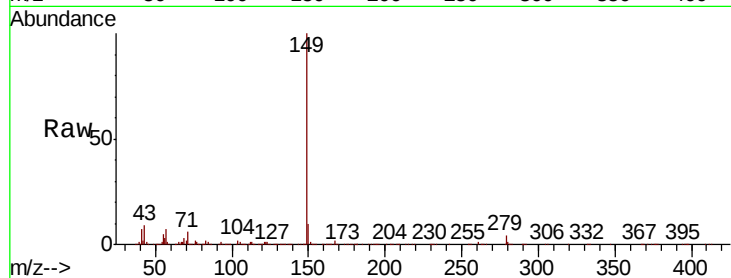




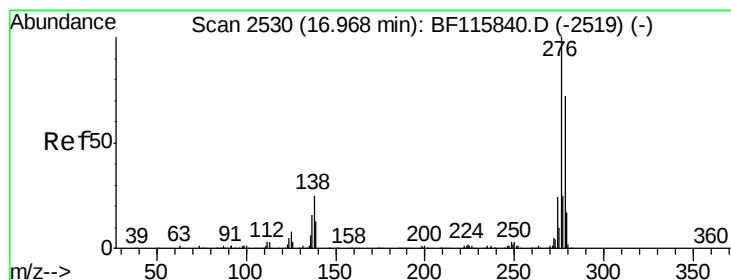
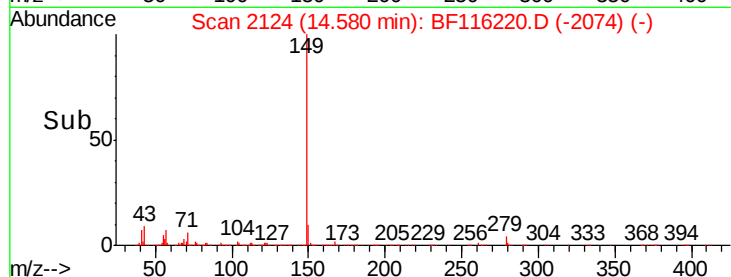
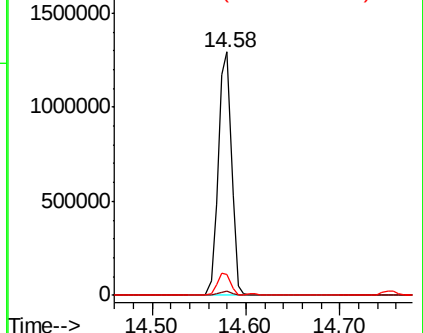
#85
Di-n-octyl phthalate
Concen: 46.450 ng
RT: 14.58 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BF116220.D
Acq: 13 Aug 2019 9:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 1285225
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 9.3 7.5 11.3

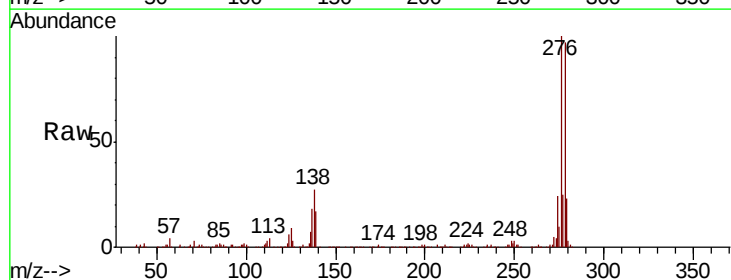


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

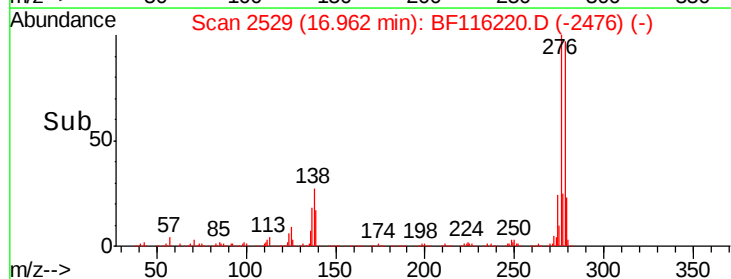
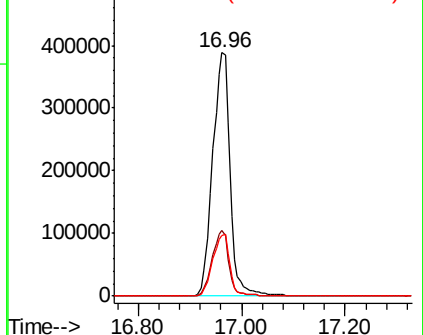


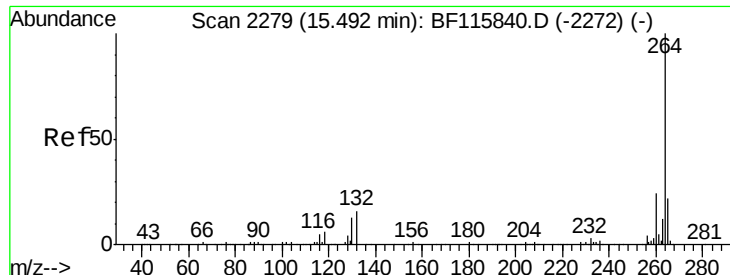
#86
Indeno(1,2,3-cd)pyrene
Concen: 41.631 ng
RT: 16.96 min Scan# 2529
Delta R.T. 0.01 min
Lab File: BF116220.D
Acq: 13 Aug 2019 9:56

Tgt Ion:276 Resp: 912150
Ion Ratio Lower Upper
276 100
138 26.1 20.4 30.6
277 25.3 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2276

Delta R.T. 0.00 min

Lab File: BF116220.D

Acq: 13 Aug 2019 9:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

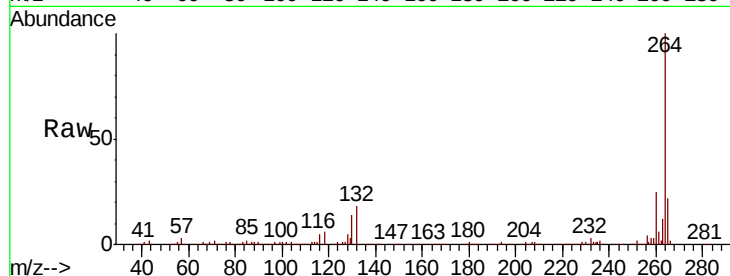
Tot Ion:264 Resp: 402911

Ion Ratio Lower Upper

264 100

260 25.3 19.7 29.5

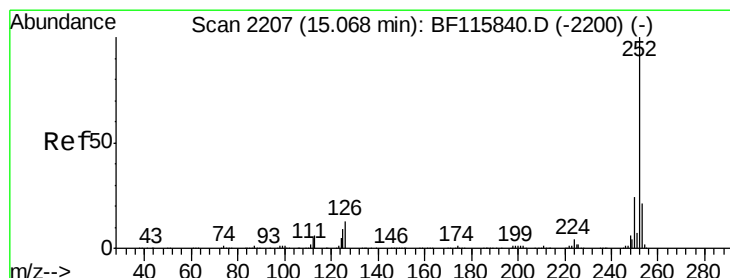
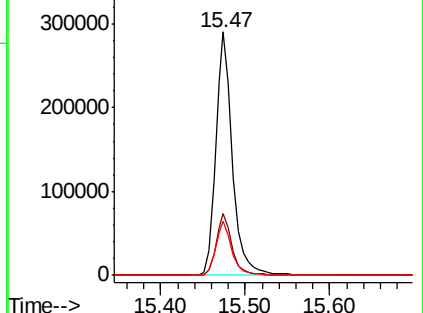
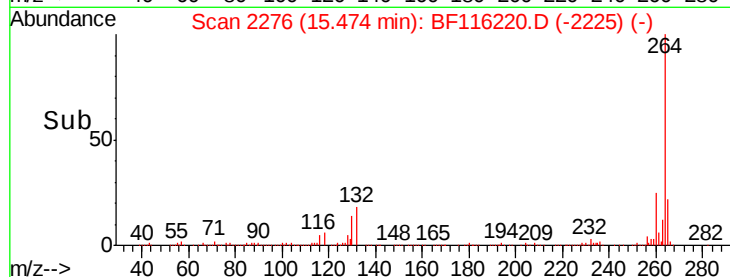
265 22.2 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.053 ng

RT: 15.05 min Scan# 2204

Delta R.T. 0.00 min

Lab File: BF116220.D

Acq: 13 Aug 2019 9:56

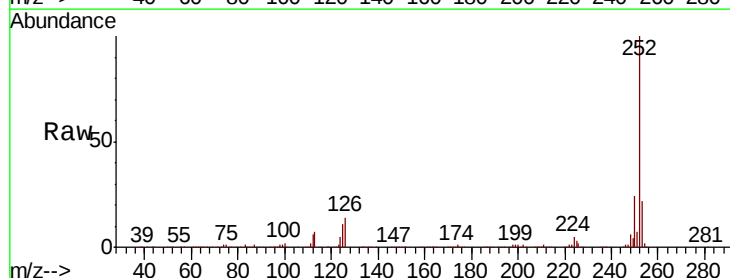
Tgt Ion:252 Resp: 979698

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

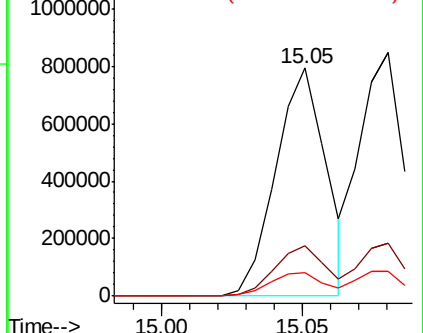
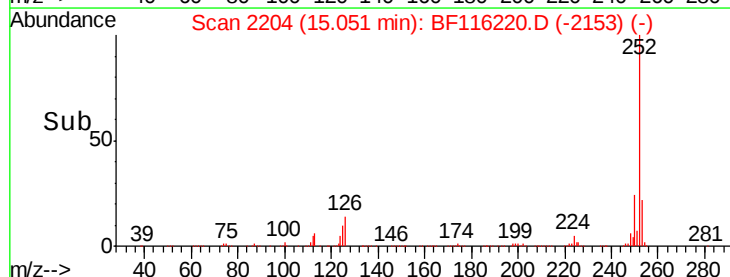
125 10.5 8.4 12.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

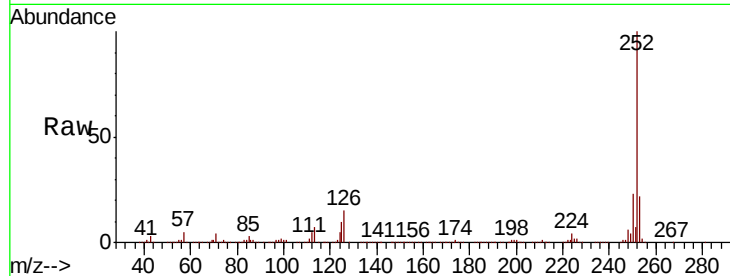




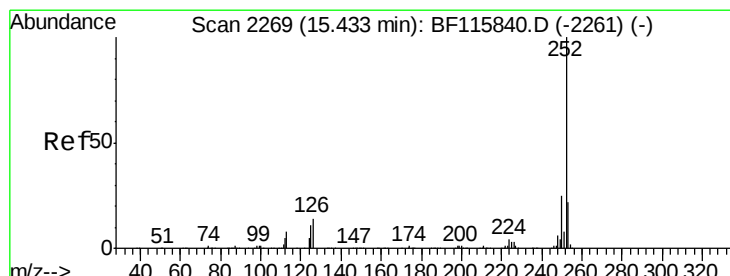
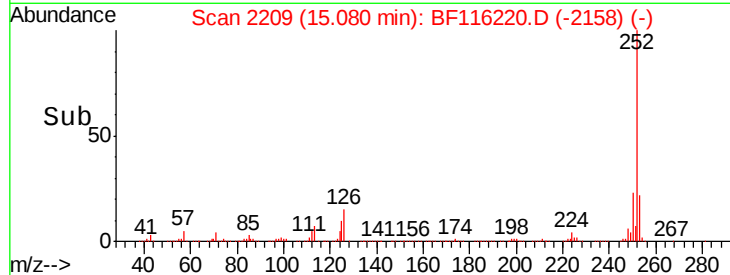
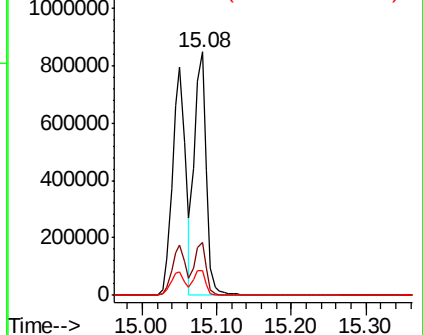
#89
Benzo(k)fluoranthene
Concen: 41.238 ng
RT: 15.08 min Scan# 2209
Delta R.T. 0.00 min
Lab File: BF116220.D
Acq: 13 Aug 2019 9:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 935742
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 10.4 7.7 11.5

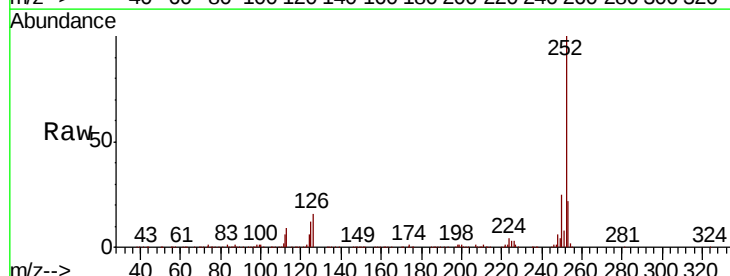


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

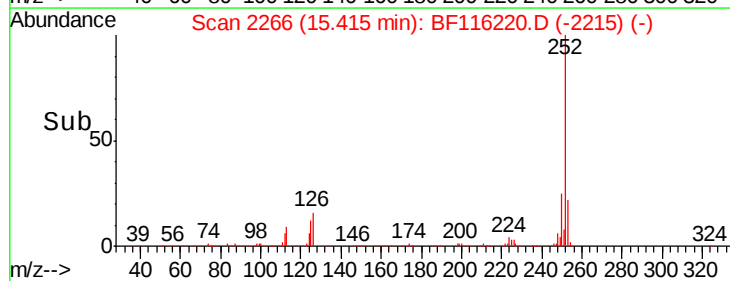
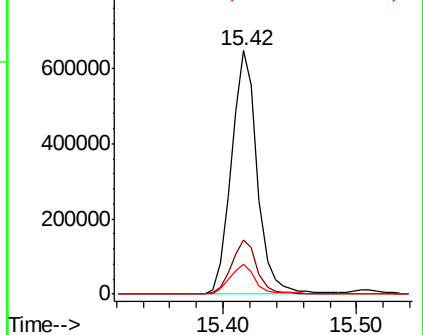


#90
Benzo(a)pyrene
Concen: 42.042 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BF116220.D
Acq: 13 Aug 2019 9:56

Tgt Ion:252 Resp: 875541
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 12.2 8.9 13.3



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 41.459 ng

RT: 16.96 min Scan# 2529

Delta R.T. 0.01 min

Lab File: BF116220.D

Acq: 13 Aug 2019 9:56

Instrument :

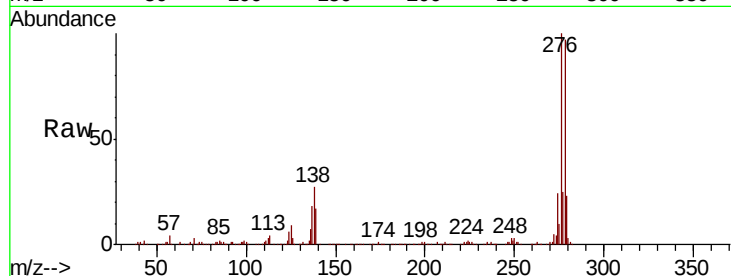
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:278 Resp: 747370

Ion	Ratio	Lower	Upper
278	100		
139	17.8	12.8	19.2
279	23.9	18.8	28.2

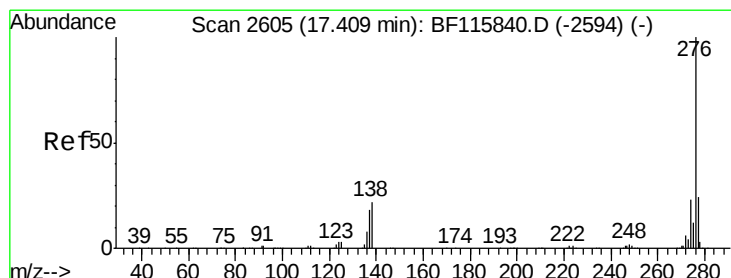
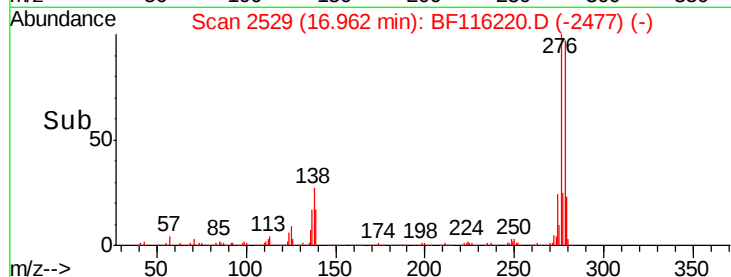
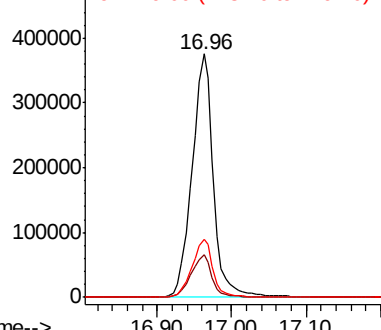


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 42.135 ng

RT: 17.40 min Scan# 2604

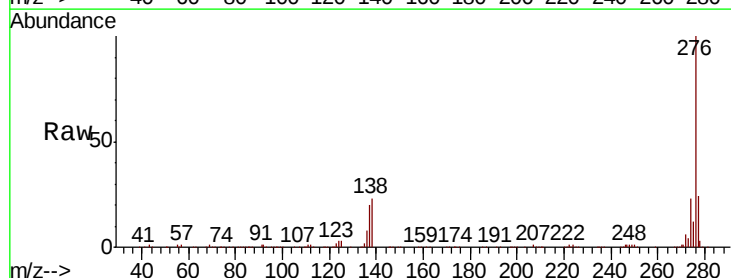
Delta R.T. 0.02 min

Lab File: BF116220.D

Acq: 13 Aug 2019 9:56

Tgt Ion:276 Resp: 745950

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.4	27.6
138	22.9	17.0	25.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

